HUMAN HEALTH BASELINE RISK ASSESSMENT FOR UPLAND SOILS
(OPERABLE UNIT 3)
LCP CHEMICALS SITE
BRUNSWICK, GEORGIA

Final
January 2012

Prepared for:

LCP SITE STEERING COMMITTEE

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EXECUTIVE SUMMARY

This report was prepared by Environmental Planning Specialists, Inc. (EPS) on behalf of the LCP Site Steering Committee. The report presents the Human Health Baseline Risk Assessment (HHBRA) for the upland soils (Operable Unit (OU) 3) at the former LCP Chemicals facility located in Brunswick, Georgia. This document supersedes the first upland risk assessment prepared by Arcadis Geraghty & Miller (1999); and more recently revised drafts and addenda prepared by EPS (2007, 2008, 2009, 2010, 2011a).

A comprehensive time-critical removal response action was performed across the uplands over the time period of 1994 to 1997. Contaminated soil over more than 30 acres of the site was excavated, disposed of off-site, and excavations backfilled with clean purchased soil. The purpose of this assessment is to define the magnitude and probability of on-site threats to human health posed by post removal action levels of chemicals in soil at the LCP property, under current and potential future land use options.

The main upland area was subdivided into four approximately equal-area parcels or quadrants, for the purposes of creating the smaller exposure units (EUs) as requested by the U.S. Environmental Protection Agency (USEPA) Region 4 (USEPA, 2006). This assessment also includes a fifth EU comprised of the locations of three former off-site refinery storage tanks (i.e., the "off-site tank farm" or "OST"). Constituents of potential concern (COPC) were selected for each EU, using risk-based screening values from the December 2010 version of the USEPA Regional Screening Level (RSL) Tables (USEPA 2010a). Several organic chemicals and inorganics were added to the COPC list compared to previous drafts of the risk assessment, including additional COPC resulting from General Comments of the August 12, 2010 letter from EPA on the review of the January 2010 revised draft of the human health baseline risk assessment (HHBRA). Quantitative risk characterizations were performed for five exposure scenarios: (1) Commercial/Industrial Worker (current/future scenario), (2) Excavation Worker (future scenario), (3) Trespasser (current scenario), (4) Trespasser (future scenario); and (5) Hypothetical Resident (future scenario). EU-specific exposure point concentrations (EPCs) were calculated using USEPA's ProUCL software. Toxicity values were taken from the December 2010 RSL Table (USEPA 2010a) and surrogate chemicals provided by USEPA Region 4 for chemicals not listed in the RSL Table.

Risk estimations were performed according to a "reasonable maximum exposure" (RME) and for a "central tendency exposure" (CTE), consistent with USEPA Region 4 guidelines (USEPA, 1995b). RME utilizes more conservative assumptions regarding the exposure and therefore USEPA Region 4 considers RME as the high end values on which the remedial decision are to be based (USEPA, 2000).

For the Industrial Worker scenario, the computed hazard indices (HIs) under the RME approach result in values at or less than unity (1) for all EUs, which is USEPA's threshold for non-cancer risk. The corresponding theoretical excess lifetime cancer risk (ELCR) under the RME approach for all EUs is within or below the USEPA acceptable risk range of 10^{-6} to 10^{-4} (USEPA, 1990).

For the Excavation Worker scenario, the computed HIs under the RME approach result in values at or less than unity for four of the five EUs, and was 2 for Quadrant 4. The corresponding theoretical ELCR under the RME approach for all EUs is at the low end or below USEPA's acceptable risk range of 10^{-6} to 10^{-4} (USEPA, 1990).

The computed RME HIs for both the current and future Trespasser scenario are well below unity for all EUs. The RME HI values for all EUs are well below unity. The corresponding theoretical ELCR under the RME approach is at the low end or below USEPA's acceptable risk range of 10^{-6} to 10^{-4}.

The computed RME HIs for the hypothetical future Resident are below unity for two of the EUs (northeast part of the site, and the off-site tank farm) and are between 4 and 15 for the other EUs. The corresponding theoretical ELCR for four EUs is within the USEPA's acceptable risk range of 10^{-6} to 10^{-4}, while the computed ELCR for Quadrant 4 is 1×10^{-4}. The computed ELCR for the CTE approach is within the USEPA's acceptable risk range for all EUs. The computed CTE HIs are approximately 50% of the RME HIs, but still above unity in Quadrants 2, 3, and 4.

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ACRONYMS AND ABBREVIATIONS

ADD	average daily dose
ALM	adult lead model
ARCO	Atlantic Richfield Company
ATSDR	Agency for Toxic Substances and Disease Registry
bgs	below ground surface
COC	constituent of concern
COPC	constituent of potential concern
CSF	cancer slope factor
CSM	conceptual site model
CTE	central tendency exposure
ELCR	excess lifetime cancer risk
EPC	exposure point concentration
EPS	Environmental Planning Specialists, Inc.
EU	exposure unit
EPD	Georgia Environmental Protection Division
GI	gastrointestinal
HI	hazard index
HEAST	Health Effects Assessment Summary Tables
HHBRA	human health risk assessment
HQ	Hazard Quotient
IEUBK	Integrated Exposure Uptake Biokinetic (Model)
IRIS	Integrated Risk Information System
LADD	lifetime average daily dose
msl	mean sea level
NCEA	National Center for Environmental Assessment
NRC	National Research Council
NOAEL	no-observable-adverse-effect-level
PEF	Particulate Emission Factor
PCBs	polychlorinated biphenyls
PAHs	polycyclic aromatic hydrocarbons
PPRTVs	Provisional Peer Reviewed Toxicity Values
QA/QC	quality assurance/quality control
RAGS	Risk Assessment Guidance for Superfund
RBC	risk-based concentration
RfC	Reference concentration
RfD	Reference dose
RGO	Remedial Goal Options
RI	remedial investigation
RME	reasonable maximum exposure
ROD	Record of Decision
RSL	Regional Screening Level

URF	unit risk factor
USEPA	U.S. Environmental Protection Agency
UCL	upper confidence limit

1 INTRODUCTION

This report, which has been prepared by EPS on behalf of LCP Steering Committee, presents the human health baseline risk assessment (HHBRA) for Upland Soils, Operation Unit 3 of the LCP Chemicals Superfund Site in Brunswick, Georgia. The first HHBRA for the LCP upland soils was prepared by Arcadis Geraghty Miller, Inc. in 1997 and revised in 1999 (Arcadis, 1999). At that time, however, the upland soils and the estuary were linked as one operable unit (OU). In 2005, the U.S. Environmental Protection Agency (USEPA) segregated these areas into two OUs in late 2005, and subsequently requested a stand-alone HHBRA for the upland soils as Operable Unit 3 (OU3).

EPS prepared a stand-alone HHBRA for OU3 in 2007, which largely based on the scenarios and inputs used in the previous (1999) HHBRA, with subsequent addenda to supplement the 2007 document (EPS, 2008, revised 2009). In June 2009, USEPA requested that a new, stand-alone HHBRA be prepared for OU3 in part to incorporate modifications as a result of newer toxicity information available in standard USEPA databases. This HHBRA report represents the fourth revision of that stand alone HHBRA. This revision incorporates formal comments from the USEPA and the Georgia Environmental Protection Division (EPD) on the previous HHBRA submittal (July 21, 2011a) issued in a letter dated January 18, 2012.

This report consists of the following sections:

1. *Introduction*. Report objectives; general approach.
2. *Purpose.* The overall goals of the report.
3. *Pertinent Background Information.* Summary of historical land uses; description of the physical setting; description of the occurrence of chemicals at the property; and summary of environmental investigations.
4. *Risk Characterization.* Description of risk assessment approach; procedures and methods; data evaluation; exposure assessment; toxicity assessment; risk characterization; and uncertainty analysis.
5. *References.*

2 PURPOSE

The overall goal of this baseline risk assessment is to develop essential scientific information that can be used in decision-making regarding the LCP Chemicals property in support of an evaluation of the need for remedial action. To accomplish this goal, the specific objective of this assessment is to quantitatively evaluate whether COPCs detected in post-removal action soils at the property present a potential exposure[1] and health risk[2] to future industrial workers or hypothetical residential users of the property.

The former LCP site property is traversed by easements and physical features that provide a basis to evaluate mixed land use (*e.g.*, combination of commercial/industrial and perhaps less land use) with respect to the risk characterization and remedial goal options (RGOs) derived within this report. This evaluation will be presented in the forthcoming OU3 Feasibility Study report.

[1] Exposure occurs when a person comes into direct contact with a chemical in an environmental medium (*e.g.,* soil, air). Exposure is quantified as the concentration of a chemical contacted in a medium averaged over the duration of the contact.

[2] Health risk is the probability of one or more harmful health effects occurring at either a measured or assumed level of exposure.

3 PERTINENT BACKGROUND INFORMATION

3.1 Site Background and Operational History

The LCP property is located in Brunswick, Georgia and occupies approximately 813 acres.[3] Approximately 133.5 acres comprised the former manufacturing operations at the site (called the 'upland' area), while 670+ acres is occupied by tidal marshlands (Figure 1). The remaining acreage is isolated upland parcels.

The main upland area has been employed for industrial uses since 1919, beginning with the Atlantic Richfield Company (ARCO), who built a petroleum refining operation on the property. In 1937, 1942, and 1950, the Georgia Power Company (Georgia Power) acquired portions of the property. From 1941 to 1955, Dixie Paint and Varnish Company (subsequently the Dixie O'Brien Corporation and eventually a wholly owned subsidiary of the O'Brien Corporation) produced paints and varnishes on a portion of the property south of the Georgia Power site. In the mid 1950's, Allied Chemical (now Honeywell) acquired almost the entire property, and utilized it primarily for the production of caustic solutions, hydrogen gas, and chlorine gas. In 1979, LCP Chemicals-Georgia (LCP) acquired the property and continued the chlor-alkali manufacturing processes until operations ceased in early 1994. Honeywell repurchased the property in 1998 and currently owns the property. Glynn County Planning Commission Land Use Maps show the area as property zoned industrial for both current and future use. Intended future land use for the property is continued commercial/industrial use.

3.2 Upland Removal Response Action: 1994-1997

Between 1994 and 1997, a removal response action was performed on the upland portion of the LCP Site. The removal action included the excavation of contaminated soils and industrial process waste. A total of approximately 167,000 cubic yards of soil and waste was removed for off-site disposal during these actions. The removal areas contained material contaminated with constituents including petroleum hydrocarbons (volatile and semi-volatile organic compounds), mercury, alkaline sludges, polychlorinated biphenyls (PCBs), and lead.

3.3 Summary of Environmental Investigations

Thousands of surface and/or subsurface soil samples have been collected in the upland area of the LCP site since 1994. The majority of these samples were collected between 1994 and 1999

[3] Based upon a 2008 property boundary survey by EMC Engineering Services, Inc.

during the assessment, removal, and post-excavation sampling phases of the upland removal/response action. The samples collected during this period consist of a variety of grab and composite samples, many of which were analyzed by one of two on-site laboratories (TEG and QAL).

Several supplementary soil investigations have been conducted in 2008, 2009, 2010, and 2011. These are described in the following bullets.

- 2008 upland soil sampling – Fifty surface soils samples were collected during the course of two sampling events during 2008. The first event was intended to provide supplemental data the baseline ecological risk assessment for OU3. Surface soil samples were collected from across the site and analyzed for PCBs, PAHs, lead, mercury, and methyl mercury. The other events were intended to provide additional characterization of Aroclors in soil in two areas of Quadrant 2.
- 2009 upland soil sampling – This sampling event was conducted to evaluate the potential leachability of constituents in upland soils. 30 samples were collected from 30 locations across the upland portions of the site. The depth interval of the samples varied somewhat, but most were within the 0 to 2 foot (ft) below ground surface (bgs) interval and all were within the top 5 ft bgs. The samples were analyzed for a comprehensive set of constituents.
- 2010 former drive in theater area sampling – This sampling event was conducted at the request of EPA to provide supplemental soil characterization in the former drive in theater area in the northeastern portion of the property (i.e., Quadrant 1). A total of 10 soil samples were collected from five locations to provide improved spatial coverage of the area when combined with locations of samples previously collected in this area. Soil samples were collected at two depths at each location, the first from 0 to 1 foot bgs, and the second from 2 to 3 ft bgs. The samples were analyzed for a comprehensive set of constituents. The results of this sampling event were summarized in a letter report to USEPA dated February 3, 2011 (EPS, 2011b).
- 2011 dioxin/furan sampling – This sampling event was conducted at the request of EPA to provide soil characterization for polychlorinated dibenzo-*p*-dioxin and polychlorinated dibenzo-*p*-furan congeners (dioxins/furans) for OU3. This sampling event used Incremental Sampling Methodology (ISM), which is consistent with recent USEPA draft guidance related to soils reassessment at dioxin sites (USEPA, 2010b). ISM is a structured composite sampling and processing protocol that is designed to reduce data variability and provides a robust estimate of the mean concentration of an analyte in the area/volume of soil being sampled. The concentrations of dioxins/furans in all of the ISM samples are below the current EPA soil cleanup levels for these constituents in residential and commercial/industrial soil (USEPA, 1998). However, the COPC screening was conducted using the more conservative interim draft recommended preliminary remediation goal value for dioxins/furans in residential soils (EPA 2009). The results of the COPC screening indicate that only one pair of replicate ISM samples collected in the southeast portion of the site (i.e., Quadrant 2) exceed these conservative

residential screening values. Further risk characterization of the ISM sample results for Quadrant 2 demonstrated that the cancer risk estimates and noncancer hazard estimates in that EU are below USEPA regulatory thresholds for these endpoints. Overall, the results dioxins/furans characterization indicates that these constituents do not represent a health concern for future commercial or industrial uses LCP site. The results of this sampling event were summarized in a report to USEPA dated July 2011 (EPS, 2011c).

4 RISK CHARACTERIZATION

4.1 Overview

The risk characterization presented in this section quantifies the magnitude of potential risks, based upon the post-removal action COPC concentrations remaining in the upland soils, under a broad range of land use and exposure considerations. The risk characterization begins with the selection of COPC specific to Exposure Units (EUs) or sub-portions of the site, consistent with the direction given by USEPA and EPD (USEPA, 2006a). This risk characterization also makes use of current toxicity values for COPC as provided in the USEPA December 2010 RSL Tables (USEPA, 2010). If a COPC was not listed on the RSL table, a surrogate chemical was provided from USEPA Region 4. The risk assessment follows the basic procedures outlined in USEPA Risk Assessment Guidance for Superfund: Volume I - Human Health Evaluation Manual (RAGS; USEPA 1989a).

4.2 Data Evaluation

4.2.1 Subdivision of the Property into Exposure Units

USEPA requested the main portion of the LCP property (about 110 contiguous acres of high ground) be segregated into four approximately equal-area EUs. Two physical boundaries were used to create the EUs: the north-south oriented fenceline that separates the primary operational areas to the west from administrative and light industrial operational areas to the east, and the east-west oriented "B Street" (an asphalt-paved site road maintained throughout all of the industrial uses of the site). This subdivision produces reasonably sized parcels with which to ascertain if sub-areas of the site may contain elevated concentrations of constituents relative to risks associated with potential future commercial/industrial use[4]. A fifth EU is created for the location of three off-site petroleum storage tanks (areas that are now privately owned and used for various commercial operations) and referred to herein as the off-site tank farm (OTF). Figure 2 shows the five EUs used in the HHBRA.

[4] The use of smaller exposure unit areas was evaluated and found to be prone to difficulties in calculation of statistically based exposure unit concentration owing to sparse sampling densities over some portions of the site. USEPA agreed (2006a) that a division of the site into four equal-area quadrants would provide for a useful representation of the exposure point concentration while accomplishing the objective of assessing risk on a multiple exposure unit basis.

4.2.2 Data Evaluation and Selection

Two data sets were considered quantitatively in the HHBRA. In one data set, the soil samples analyzed by an onsite laboratory (TEG) were excluded[5]. For the second data set, all data including records from TEG are used in the risk characterization. The results of the quantitative risk characterization using the second data set (including TEG laboratory data) are provided in Appendix A[6] and discussed in Section 4.9 (Uncertainty Analysis).

All data records were selected from the "master" site database applicable to the exposure scenario evaluated, with the exception of the following qualifiers outlined below:

- No records were extracted with an unknown coordinate position.
- Only samples identified as soil were extracted.
- Soil samples from the following site areas were excluded:
  - MH2O and MHO – former manholes that have since been cleaned and plugged-abandoned;
  - OFF – Off site sample locations except the tank farm area;
  - CRD – Canal Road Samples (these will be assessed with respect to risk-based cleanup goals in the Feasibility Study report); and
  - MSH – samples identified as marsh samples (will be evaluated in OU1).
- Soil samples from remediated (i.e. removed) portions of the site during the 1994-1997 Upland Removal Response Action were excluded.
- Soil samples from beneath the cap over the former cell building were excluded because there is no complete direct contact exposure pathway. Data from these samples will be evaluated in the OU2 remedial investigation.
- Duplicate records (e.g. blind sample duplicates) were excluded.
- Exclusion of select data records that exhibited anomalous detection limits. Review of data for the risk assessment identified a limited number of sample records with abnormally elevated detection limits. The excluded are listed in the table below:

Sample ID	COPC	Result	Detection Limit (mg/kg)
96213-16	Aroclor-1016	ND	418
96289-CPS-06	Aroclor-1016	ND	12
97104-01	Aroclor-1016	ND	27
LC-204-SLA	Aroclor-1016	ND	10
96213-16	Aroclor-1248	ND	418
96289-CPS-06	Aroclor-1248	ND	12

[5] The data records produced by the TEG laboratory were in support of the upland removal response action. Some of these data had anomalous results and were performed using sub-standard quality control (described in Appendix A). For this reason TEG was replaced by QAL labs for the remainder of the removal action. The remainder of the OU3 data records were generated by other off-site commercial laboratories.

[6] The Appendix A tables are numbered A14 through A23 to mirror the numbering convention of the risk calculation tables based on the "without TEG data set presented in the text.

97104-01	Aroclor-1248	ND	27
LC-204-SLA	Aroclor-1248	ND	10
96213-16	Aroclor-1254	ND	418
96289-CPS-06	Aroclor-1254	ND	12
97104-01	Aroclor-1254	ND	27
LC-204-SLA	Aroclor-1254	ND	110
96213-16	Aroclor-1260	ND	418
96289-CPS-06	Aroclor-1260	ND	12
97104-01	Aroclor-1260	ND	27
96213-16	Aroclor-1268	ND	418
LC-642-WAB	Arsenic	ND	66
LC-201-SLA	Benzo(a)anthracene	ND	45
LC-202-SLB	Benzo(a)anthracene	ND	54
LC-201-SLA	Benzo(a)pyrene	ND	45
LC-202-SLB	Benzo(a)pyrene	ND	54
LC-201-SLA	Chrysene	ND	45
LC-202-SLB	Chrysene	ND	54
LC-201-SLA	Dibenzo(a,h)anthracene	ND	45
LC-202-SLB	Dibenzo(a,h)anthracene	ND	54
LC-201-SLA	Indeno(1,2,3-cd)pyrene	ND	45
LC-202-SLB	Indeno(1,2,3-cd)pyrene	ND	54

ND – Non detect

Additional details regarding these data exclusions are provided in Appendix B. The complete data sets (i.e., with and without TEG data) in Microsoft Excel format are on a CD-ROM provided in Appendix C.

4.2.3 Depth Selection Criteria for Exposure Scenarios

From the data sets constructed from the selection process outlined above, the soils data records were selected on the basis of sample depth as follows, where D1 is shallow extent of the soil sample and D2 is the deep extent of the soil sample:

Scenario	Applicable Depth	D1	D2
Commercial/Industrial Site Worker, Onsite Resident and Site Trespasser	Upper 2 ft	<1 ft	≤ 2 ft
Excavation Worker	Upper 5 ft	< 5 ft	≤ 6 ft

4.2.4 COPC Selection

In order to ensure that the HHBRA focuses on substances that contribute the greatest to the overall risk (USEPA, 1989a) the EU-specific OU3 soil data sets were subjected to a "screening" process to identify COPCs. Based on comments from USEPA and EPD on the COPC screening process applied in the previous version of this HHBRA report (EPS, 2010), a new data screening process was developed through extensive communication with USEPA and EPD representatives. Briefly this process entails:

1. elimination of constituents for which the maximum detected concentration in a particular EU did not exceed the applicable USEPA RSL for residential soil obtained from the December 2010 RSL Tables;
2. elimination of six inorganic constituents (calcium, chloride, magnesium, phosphorus, potassium, and sodium) because they are considered essential human nutrients (USEPA, 2000); and
3. elimination of constituents that were detected in fewer than 5% of the relevant samples, with the added provision that no more than 5% of the results for those constituents could have detection limits that exceed the applicable residential RSL.

In step 1 above, for carcinogenic compounds the residential RSLs associated with a 1×10^{-6} cancer risk were utilized for screening. For non-carcinogens, the residential RSLs adjusted to target hazard quotient of 0.1 was used for screening. Per USEPA Region 4 guidance (USEPA, 2000), this adjustment is to account for the potentially additive effects associated with the presence of multiple chemicals that may act on the same organ system. In addition, several constituents detected in site soils do not have USEPA-derived toxicity values and, therefore, no RSL values. For some of these constituents, "surrogate" RSLs were used in the COPC screening process based on a surrogate chemical list provided by USEPA Region 4. The letter containing this list of surrogate chemicals is provided in Appendix D. Tables 1A through 5A provided the results of this COPC screening process for each quadrant.

Constituents that that could not be eliminated in step 3 because of detection limits that exceed the applicable residential RSL in more than 5% of data records were given a "B" flag in Tables 1A through 5A, and were subjected to further screening refinements, including:

1. elimination of constituents with fewer than 5% of Level 4 (i.e., higher quality) data records with detection limits that exceed the relevant residential RSL;
2. elimination of constituents with fewer than 10% of Level 4 data records with detection limits that exceed the relevant USEPA contract required quantitation limits (CRQL);
3. elimination of constituents with no detections in samples from material that was excavated in the removal action; and 10 or more Level 4 data with detection limits below the relevant residential RSL; and
4. elimination of constituents for which there is no evidence of historical use at the site.

Tables 1B through 5B provided the results of COPC refinement process for each quadrant. Additional details about the COPC screening process are provided in Appendix E and the uncertainties associated with this refined screening approach are discussed in Section 4.9 (Uncertainty Analysis).

4.2.5 COPC Summary

The final list of COPCs selected for each exposure unit is presented below.

Off Site Tank Farm	Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
Arsenic	Aroclor-1260	Aroclor-1221	1,1,2,2-Tetrachloroethane	1,2,4-Trimethylbenzene
Benzo(a)anthracene	Aroclor-1268	Aroclor-1254	1,2,4-Trimethylbenzene	1-Methyl Naphthalene
Benzo(a)pyrene	Arsenic	Aroclor-1260	1,4-Dichlorobenzene	Aluminum

Off Site Tank Farm	Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
Benzo(b)fluoranthene	Benzo(a)anthracene	Aroclor-1268	1-Methyl Naphthalene	Antimony
Chromium	Benzo(a)pyrene	Arsenic	2-Methylnaphthalene	Aroclor-1254
Dibenzo(a,h)anthracene	Benzo(b)fluoranthene	Benzo(a)anthracene	4,6-Dinitro-2-methylphenol	Aroclor-1260
Lead	Benzo(b/k)fluoranthene [1]	Benzo(a)pyrene	Aluminum	Aroclor-1268
Mercury	bis(2-Ethylhexyl) phthalate	Benzo(b)fluoranthene	Antimony	Arsenic
	Chromium	Benzo(b/k)fluoranthene [1]	Aroclor-1016	Benzo(a)anthracene
	Dibenzo(a,h)anthracene	Carbazole	Aroclor-1254	Benzo(a)pyrene
	Indeno(1,2,3-cd)pyrene	Chromium	Aroclor-1260	Benzo(b)fluoranthene
	Iron	Dibenzo(a,h)anthracene	Aroclor-1268	Benzo(k)fluoranthene
	Lead	Indeno(1,2,3-cd)pyrene	Arsenic	Chloroform
	Mercury	Iron	Benzene	Chromium
	Vanadium	Mercury	Benzo(a)anthracene	Chrysene
			Benzo(a)pyrene	Cobalt
			Benzo(b)fluoranthene	Dibenzo(a,h)anthracene
			Benzo(k)fluoranthene	Indeno(1,2,3-cd)pyrene
			Bis(2-chloroethyl)ether	Iron
			Carbazole	Lead
			Chromium	Manganese
			Dibenzo(a,h)anthracene	Mercury
			Dibromochloromethane	Naphthalene
			Dichloromethane[2]	n-Butylbenzene
			Ethyl benzene	Tetrachloroethene
			Indeno(1,2,3-cd)pyrene	Vanadium
			Iron	Zinc
			Lead	
			Mercury	
			Naphthalene	
			n-Butylbenzene	
			n-Propylbenzene	
			Vanadium	

[1] Although benzo(b)fluoranthene and benzo(k)fluoranthene are distinct chemical constituents, historical samples in Quadrants 1 and 2 included analyses in which these two analytes were reported together (i.e., as benzo(b/k)fluoranthene). This constituent was included as a COPC in these two quadrants based on a comparison to the more conservative RSL value for benzo(b)fluoranthene. In these two quadrants, both benzo(b)fluoranthene and benzo(k)fluoranthene (as individual analytes) were eliminated as COPC based on comparisons with their respective RSL values.

[2] Methylene chloride

4.3 Exposure Assessment

4.3.1 Overview

The exposure assessment step in a risk assessment combines information about the chemical concentrations in site media with assumptions about how a potential receptor could contact the impacted media. The result is an estimation of a receptor's level of intake, or dose, of a chemical.

4.3.2 Identification of Potential Receptors

This risk assessment considers five exposure scenarios: (1) Commercial/Industrial Worker (current/future scenario), (2) Excavation Worker (future scenario), (3) Trespasser (current scenario), (4) Trespasser (future scenario); and (5) Hypothetical Resident (future scenario).

Glynn County Planning Commission Land Use Maps show the area as the property zoned as industrial property for both current and future use. Intended future land use for the property is commercial/industrial use. Under this intended land use, there are two types of non-residential receptor exposure scenarios: commercial/industrial workers (Industrial Workers scenario) and excavation/construction workers (Excavation Worker scenario).

Site workers presently perform site operations and maintenance, comprised of mowing of unimproved site access roads and the operation of a groundwater treatment system. These activities are generally limited to areas of the site which have already been remediated during the removal action (note: all current site O&M personnel are HAZWOPER trained and subscribe to annual medical monitoring and training, and are versed in the use of personal protective equipment for occasions which require potential exposure to COPC). Therefore, the assessment of the Industrial Worker scenario provided herein can be considered a conservative evaluation of the site workers presently performing the O&M activities described above.

Presently the site is fenced and gated and site access is controlled by the front office administrative staff. Night and weekend security patrol the grounds to control trespassing. As a conservative measure of evaluation, this HHBRA assumes standard exposure conditions in its evaluation of the Trespasser scenario.

Future use of the LCP site is anticipated to remain largely commercial/industrial, although some portions of the site may be amenable to less restrictive future land use. Honeywell has no intention of converting any portion of the property to residential use, and this restriction will be recorded (i.e., deed restriction) in the event the property or portions thereof are sold in the future. It is common practice with any HHBRA to evaluate a scenario involving residential reuse of the site. However, the hypothetical future Resident risk characterization is useful as a conservative surrogate for virtually any type of unrestricted land use and as such, the analysis may be useful to future land planning for various sub-portions of the property.

4.3.3 Potential Exposure Pathways (Conceptual Site Model)

4.3.3.1 Overview of Conceptual Site Model (CSM)

An exposure pathway is a description of the ways in which a person could be exposed to chemicals in the environment and is defined by four elements: (1) a source and mechanism of chemical release to the environment (for example, pesticide application); (2) an environmental transport medium (*e.g.*, soil, air) for the released chemical; (3) a point of potential contact with the contaminated medium (*e.g.*, surface soil accessible to direct human contact); and (4) an exposure route (*e.g.*, actual ingestion of contaminated soil and subsequent absorption from the gastrointestinal tract into the body). In order for an exposure pathway to be considered

complete, all four elements must occur. An illustrated CSM for this HHBRA is presented in Figure 3.

4.3.3.2 Industrial Worker CSM

Exposures by Industrial Workers to impacted media are limited to surficial soil routes. For the purposes of the risk assessment, workers were assumed to be exposed to surficial soil (defined here as 0 to 2 ft below ground surface (bgs)), in the absence of any specific work gear (such as coveralls, gloves, etc.) other than commonly worn clothing. The structural integrity of the majority of buildings remaining on the site is compromised such that demolition or extensive rehabilitation of these buildings would be required prior to their use. Additionally, air monitoring conducted during removal activities at the site indicated little to no emission of compounds during these activities (except when actual organic process waste material was being disturbed during removal). Therefore, the release of vapors from soils at the site is not expected to occur and vapor migration into buildings is not evaluated in this report. The current/future Industrial Worker scenario includes constituent exposure via incidental ingestion of and dermal contact with surface soil, and inhalation of particulates and vapors in air.

4.3.3.3 Excavation Worker CSM

In the event that any surface or subsurface excavations were to occur at the site, future Excavation Workers potentially could come in contact with constituents in a "mixed soil" interval consisting of both surficial and subsurface soil (defined here as 0 to 5 ft bgs). For the purposes of the risk assessment, Excavation Workers were assumed to be exposed to soil in the absence of any specialized protective equipment or clothing other than commonly worn protective clothing. The Excavation Worker scenario includes potential exposure to constituents via ingestion, dermal contact, and inhalation of particulates and vapors potentially released from the soil during excavation activities.

4.3.3.4 Trespasser CSM

The entrance to the LCP Site and property line along Ross Road are gated and fenced. The north and south property lines are also fenced. Security measures at the site currently include personnel to prevent unauthorized entrance to the site. Access to the site is further restricted by the adjacent marsh. The structures and vegetative growth on the surface of the site would limit the potential for exposure via ingestion, dermal contact, and inhalation. Nevertheless, the Trespasser scenario conservatively evaluates potential exposure to COPCs via ingestion of and dermal contact with surficial soil, and inhalation of particulates and vapors in air. At the direction of EPA, this revision of the HHBRA includes separate risk calculations for current and potential future trespassers. These scenarios differ only with respect to the assumptions about the frequency with which trespassers might access the property. Under the current scenario, access is assumed to be limited by the security measures described above. Under the future scenario, the exposure frequency is increased, (conservatively) reflecting the possibility that site access might not be controlled as tightly in the future.

4.3.3.5 Future On-Site Resident CSM

As described previously, Honeywell has no intention of converting any portion of the property to residential use, and this restriction will be recorded (i.e., deed restriction) in the event the property or portions thereof are sold in the future. Nevertheless, the Hypothetical Resident scenario conservatively evaluates potential exposure to COPCs via ingestion of and dermal contact with surficial soil, and inhalation of particulates and vapors in air. Potential inhalation exposure to vapors in indoor air was not included as a potential exposure route in this assessment. Pursuant to a request from the USEPA, a vapor intrusion screening assessment will be conducted with the Site groundwater data and presented in the HHBRA for the Groundwater Operable Unit (OU2).

4.3.4 Exposure Parameters

4.3.4.1 Overview of Exposure Parameters

Quantification of theoretical exposure of workers to COPCs in the on-site soil is a function of COPC concentrations and various exposure parameters that define both the conditions of exposure (*e.g.,* frequency of exposure, duration of exposure) and descriptors of potentially exposed receptors (*e.g.,* body weight, skin surface area). Exposure parameters refer to all of the variables used to calculate a daily human dose or intake level. The average daily dose (ADD) of each non-carcinogenic COPC is averaged over the estimated period of exposure (referred to as the averaging time) that varies for different types of receptors. The ADD is expressed in units of milligrams per kilogram per day (mg/kg-day). The daily dose of a potentially carcinogenic COPC is averaged over the lifetime of the exposed individual. The daily dose of each potentially carcinogenic COPC is referred to as the lifetime average daily dose (LADD) and also has units of mg/kg-d.

In accordance with USEPA guidance (1989), the exposure factors used in this risk assessment are intended to estimate both "reasonable maximum exposure" (RME) and "central tendency exposure" (CTE) for each receptor provide context to the range of possible hypothetical exposures at the site. RME is defined as "the maximum exposure that is reasonably expected to occur at a site" and USEPA has indicated that individual factors included in estimating exposure for an RME receptor should result in a final exposure estimate that approximates an upper percentile from a range of possible exposure estimates (EPA 1991). The exposure parameters utilized in the assessment are presented in Tables 6 through 9.

4.3.4.2 Industrial Worker Exposure Parameters

The exposure parameters utilized for the Industrial Worker are predominantly default worker exposure parameters from the Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, 2002a) and Supplemental Guidance for Dermal Risk Assessment (USEPA, 2004). The values for these parameters are presented in Table 6A (RME) and Table 6B (CTE).

4.3.4.3 Excavation Worker Exposure Parameters

The exposure parameters utilized for the future site excavation worker are predominantly default excavation worker exposure parameters from the Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, 2002a) and Supplemental Guidance for Dermal Risk Assessment (USEPA, 2004). Non-default parameters related to excavation work include exposure frequency and exposure duration (there are no default values for these parameters).

It is conservatively assumed that a typical excavation worker will work up to 260 days per year (5 days per week × 52 weeks per year). It is further assumed that an excavation worker will spend 6 months (0.5 years) conducting excavation related activities at the site (exposure duration of 0.5 years). It is conservatively assumed that an excavation worker will not utilize personal protective equipment (PPE) as a hazard mitigator in the course of their activity. Non-carcinogenic averaging time is by definition equal to the total number of days within the exposure duration. Subsequently, averaging time for the excavation worker becomes 0.5 years × 52 weeks per year × 7 days per week = 182 days. The values for these parameters are presented in Table 7A (RME) and Table 7B (CTE).

4.3.4.4 Current/Future Trespasser Exposure Parameters

The exposure parameters utilized for both the Current and Future Trespasser scenarios are predominantly values provided in the USEPA Region 4 Human Health Risk Assessment Bulletins (USEPA, 2000), Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, 2002a) and Supplemental Guidance for Dermal Risk Assessment (USEPA, 2004), and the Exposure Factors Handbook (USEPA, 1997).

Access to the site is currently controlled by fencing, a gate, signage, and personnel. Following USEPA Region 4 guidance, the Trespasser scenario is based on an adolescent who might visit the property on an intermittent basis (USEPA, 2000). For the Current Trespasser scenario, exposure frequencies of 24 days/year and 6 days/year are assumed for the RME and CTE scenarios, respectively, consistent with earlier versions of the HHBRA. As directed by USEPA, a separate Future Trespasser scenario was included in this revision of the HHBRA to reflect the possibility that site access might not be controlled as tightly in the future. An exposure frequency of 52 days/year is assumed for the RME future scenario, which is consistent with the HHBRA for OU1 (EPS, 2011d). The CTE exposure frequency is the same between the current and future scenarios. The values for these parameters are presented in Table 8A (RME) and Table 8B (CTE).

4.3.4.5 Hypothetical Resident Exposure Parameters

The exposure parameters utilized for the Hypothetical Resident scenario are predominantly default exposure parameters from the Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, 2002a) and Supplemental Guidance for Dermal Risk Assessment (USEPA, 2004), and the Exposure Factors Handbook (USEPA, 1997). Separate values are provided for child and adult residents. The values for these parameters are presented in Table 9A (RME) and Table 9B (CTE).

4.3.5 Exposure Point Concentrations (EPCs)

A representative COPC-specific EPC is a COPC- and media-specific value that is incorporated into the exposure assessment equations from which potential human exposures are calculated. USEPA guidance (USEPA, 1992 2002) indicates that the COPC-specific RME EPC shall be the lesser of either the (i) the 95% upper confidence limit (UCL) on the arithmetic mean or (ii) the maximum detected concentration. The purpose for using the 95% UCL instead of the average concentration is to account for "the uncertainty associated with estimating the true average concentration at a site . . . [and] the 95% UCL provides reasonable confidence that the true site average will not be underestimated" (USEPA, 1992). These values are also used to evaluate the CTE exposure scenarios.

The USEPA's ProUCL software package (version 4.00.05) was used to statistically evaluate the "goodness of fit" of the data distribution for each of the EU data sets considering normal, lognormal, gamma, and non-parametric distribution approaches (including non detect data records). The ProUCL-recommended exposure point concentrations (EPCs) were developed from this analysis for each COPC in each EU, and these values are presented in Table 10 (surficial soils; 0-2 ft bgs) and Table 11 (mixed soils; 0-5 ft bgs).

Appendix F contains a CD-ROM with the "input" data files, in Microsoft Excel format, used in the ProUCL calculations and the ProUCL "output" files in Excel.

4.3.5.1 Direct Soil Contact

For direct contact exposures (i.e., incidental ingestion and dermal contact), the EPCs calculated by ProUCL were used as inputs to exposure equations 1 and 2.

4.3.5.2 Indirect Soil Contact

The calculation of inhalation intake requires the estimation of airborne concentrations of COPCs resulting from volatilization of organic COPCs as well as airborne dusts derived from soil. The EPCs calculated by ProUCL were used with the factors described below to estimate these airborne COPC concentrations for use in equation 3.

Ambient air concentrations resulting from volatilization of COPC in surface and subsurface soil were estimated using the USEPA volatilization factor (VF) approach (USEPA, 2002a). This approach combines information about the behavior of volatile COPCs in the soil with other soil property and atmospheric parameters to determine a volatilization factor for each volatile COPC. All VF values used in this assessment were obtained from the December 2010 RSL Tables (USEPA 2010a).

COPCs adsorbed to soil particles can potentially become airborne, resulting in possible inhalation by receptors. Long-term exposure to COPCs bound to dust particles was evaluated using the USEPA's default particulate emission factor (PEF) approach, which relates concentrations of a constituent in soil to the concentration of dust particles in the air (USEPA, 2002a). PEF values are not chemical-specific, but do vary by geographic location. The conservative default PEF value of 1.36E+9 was obtained from the December 2010 RSL Tables

(USEPA 2010a) and used in this assessment to estimate concentrations of COPCs in fugitive dust.

4.3.6 Quantification of Exposure

To quantify theoretical exposure of receptors to all COPCs, concentrations of each COPC are combined with the exposure parameters to estimate ADD[7] and LADD[8] for each receptor type. These dosages, which are expressed as milligrams per unit body weight per day (mg/kg-d), are averaged over a defined exposure period (*e.g.,* 25 years) for non-carcinogenic COPCs and over a lifetime (*i.e.,* 70 years) for carcinogenic COPCs. Standard equations are used for calculating ADDs and LADDs (USEPA, 1992a).

The standard equations for calculating the ADDs and LADDs for each exposure pathway have not changed since the 1999 HHBRA and are presented below.

4.3.6.1 Incidental Soil Ingestion

$$\text{ADD or LADD}_{ingestion}(mg/kg-d)=\frac{C_s \times IR_s \times EF \times ED \times CF}{BW \times AT \times 365d/yr} \quad \text{(EQ 1)}$$

where:

C_s = Constituent Concentration in Soil (mg/kg)
IR_s = Soil Ingestion Rate (mg soil/day)
CF = Conversion Factor (10^{-6} kg/mg)
EF = Exposure Frequency (days/year)
ED = Exposure Duration (years)
ABS_o = Oral Absorption Fraction (unitless)
BW = Body Weight (kg)
AT = Averaging Time (period over which exposure is averaged - years).

4.3.6.2 Dermal Contact with Soil

$$ADD\ or\ LADD_{dermal}(mg/kg-d)=\frac{C_s \times SA \times AF \times EF \times ED \times ABS_d \times CF}{BW \times AT \times 365d/yr} \quad \text{(EQ 2)}$$

where:

Cs = Constituent Concentration in Soil (mg/kg)
CF = Conversion Factor (10^{-6} kg/mg)
SA = Skin Surface Area Exposed (cm^2)
AF = Adherence Factor of Soil (mg/cm^2-event)
ABS_d = Dermal Skin Absorption Factor (unitless)
EF = Exposure Frequency (days/year)
ED = Exposure Duration (years)

[7] ADDs are receptor- and COPC-specific dosages for assessing *non-carcinogenic* effects.
[8] LADDs are receptor- and COPC-specific dosages for assessing theoretical upper-bound *carcinogenic* risks.

BW = Body Weight (kg)
AT = Averaging Time (period over which exposure is averaged–years).

4.3.6.3 Inhalation

Inhalation exposure concentrations were calculated as follows:

$$\text{Air Concentration}_{inhalation}(mg/m^3) = \frac{C_a \times EF \times ED}{AT \times 365d/yr} \quad \text{(EQ 3)}$$

where:
Ca = Constituent Concentration in Air (mg/m^3) [calculated using Equation 3a below]
EF = Exposure Frequency (days/year)
ED = Exposure Duration (years)
AT = Averaging Time (period over which exposure is averaged–years).

$$C_a\,(mg/m^3) = Cs \times \left(\frac{1}{PEF} + \frac{1}{VF}\right) \quad \text{(EQ 3a)}$$

where:
Ca = Constituent Concentration in Air (mg/m^3)
Cs = Constituent Concentration in Soil (mg/kg)
PEF = Particulate Emission Factor (m^3/kg) [all constituents, provided in Table 13]
VF = Volatilization Factor (m^3/kg) [volatile constituents only, provided in Table 13]

4.3.7 Lead Exposure

The quantification of lead exposure differs from other COPCs. Cause-and-effect relationships in humans have been correlated with blood concentrations of lead. Therefore, the preferred risk assessment approach for lead is the estimation of human blood lead concentrations associated with an exposure situation. Exposure of workers to lead and subsequent blood lead concentrations was estimated by use of the Adult Lead Model (ALM) developed by the USEPA Technical Work Group for Lead (USEPA, 2003). The Work Group recommended that adult lead exposure be evaluated by calculating a blood lead level in a pregnant adult, followed by calculating the resulting blood lead level in a fetus. The model put forth by the Work Group conservatively evaluates the upper end of the distribution of possible blood lead concentrations.

In modeling the blood lead level, the ALM considers a range of parameters. These include:

- The intake rate of lead from the site;
- The initial concentration of lead in the bloodstream of the adult prior to site exposure;
- The fraction of soluble lead that is absorbed into the gastrointestinal system;
- The relative bioavailability of lead in soil;

- A biokinetic slope factor that relates the increase in blood-lead levels to total intake;
- The geometric standard deviation among individual women of child-bearing age that could have exposures to similar on-site lead concentrations, but that have non-uniform responses (intake, biokinetics) to both on-site lead and off-site lead exposures; and
- The ratio between fetal and maternal lead concentrations in the bloodstream.

The following model was used to estimate blood lead levels in identified human receptors as a result of exposure to lead in soils:

$$PbB_{adult,\,central} = PbB_{worker,\,0} + \frac{PbS \times BKSF \times IR_S \times AF_S \times EF_S}{AT} \qquad \text{(EQ 4)}$$

where:

$PbB_{adult,\,central}$	=	Central estimate of blood lead concentration in adults that have site exposure (µg/dl)
$PbB_{worker,\,0}$	=	Typical blood lead concentration in adults in the absence of site exposure (µg/dl)
PbS	=	Arithmetic mean lead concentration in soil (µg/g)
BKSF	=	Biokinetic slope factor relating the increase in the adult blood lead level to the average daily lead uptake under quasi steady-state conditions (µg-lead/dl-blood per µg-lead/day)
IR_S	=	Soil ingestion rate (g/day)
AF_S	=	Absolute gastrointestinal absorption fraction for ingested lead from soil (unitless)
EF_S	=	Exposure frequency (days/year)
AT	=	Averaging time (days/year).

The following equation was used to estimate the 95th percentile blood lead concentration in a fetus from the average estimated adult blood lead concentration, assuming that blood lead levels are distributed lognormally:

$$PbB_{fetal,0.95} = PbB_{adult,central} \times GSD_{t,adult}^{1.645} \times R_{fetal,maternal} \qquad \text{(EQ 5)}$$

where:

$PbB_{fetal,\,0.95}$	=	95th percentile blood lead concentration among fetuses born to women exposed to site soil (µg/dl)
$PbB_{adult,\,central}$	=	Central estimate of blood lead concentration in adults that have site exposure (µg/dl)
$GSD_{t,adult}^{1.645}$	=	Estimated value of the individual geometric standard deviation (unitless). The exponent, 1.645, is the value of the standard normal deviate used to calculate the 95th percentile from a lognormal distribution.
$R_{fetal/maternal}$	=	Ratio between fetal blood lead concentration at birth to the maternal blood lead concentration (unitless).

The parameters utilized in the ALM model are presented in Table 12.

4.4 Toxicity Assessment

4.4.1 Overview

The risks associated with estimated exposures to the COPCs detected at the site are a function of the inherent toxicity of each constituent, as well as the estimated exposure dose.

Evaluation of the toxic potential of a constituent involves the examination of available data that relate observed toxic effects to known doses (i.e., dose-response assessment). Generally, there are two categories of information that are considered in this part of a quantitative risk assessment:

- Information on the potential acute or chronic non-cancer effects of constituents; and
- Information on the potential for constituents to initiate or promote cancers.

4.4.2 Non-Carcinogenic Health Effects

The assessment of non-carcinogenic effects is complex. There is a broad interaction of time scales (acute, sub-chronic, and chronic) and routes of exposure (ingestion, inhalation, dermal) with varying kinds of effects. A single constituent may elicit several adverse non-carcinogenic effects depending on the dose, exposure route, and duration of exposure. In addition, there are various levels of "severity" of effect.

For many non-carcinogenic effects, protective mechanisms must be overcome before the effect is manifested. Therefore, a finite dose (threshold) below which adverse effects will not occur is believed to exist for non-carcinogens. Many toxicological studies focus on identifying where this threshold occurs.

USEPA assumes there is a dose threshold below which adverse effects are not expected to occur. For a given constituent, the dose that elicits no effect when evaluating the most sensitive response (the adverse effect that occurs at the lowest dose) in the most sensitive species is used to establish an acceptable dose (toxicity value) for non-carcinogenic effects. This dose is referred to as the reference dose (RfD) for oral and dermal exposures, and a reference concentration (RfC) for inhalation exposures. A chronic RfD (or RfC) of a constituent is an estimate of a lifetime daily dose to humans that is likely to be without appreciable deleterious non-carcinogenic health effects. Exposure greater than an RfD could possibly cause health effects. A lower RfD implies a more potent toxicant.

The primary source of RfDs is USEPA's Integrated Risk Information System (IRIS), which is an electronic database for selected compounds that was established and maintained by USEPA. This database is based on a compendium of available toxicological data, containing both United States and international studies, and peer-reviewed and non-peer reviewed research. To derive an RfD, USEPA used professional judgment to assess the quality and relevance of the human or animal data and to identify the critical study and the most critical toxic effect. Data typically used by USEPA in developing the RfD are the highest no-observable-adverse-effect-levels (NOAELs) or lowest observed-adverse-effect level (LOAEL) for the critical studies and effects

of the non-carcinogen. An uncertainty factor is applied for each factor representing a specific area of uncertainty inherent in the extrapolation from the available data. Uncertainty factors are generally between 3 to 10. While a factor of 10 is commonly used, values less than 10 are sometimes used where data support the application of smaller uncertainty factors (USEPA 2006). Four major types of uncertainty factors are typically applied to NOAELs in the derivation of RfDs:

- 3- to10-fold factor for extrapolation from animals to humans;
- 3- to10-fold factor for variability in the human population;
- 3- to10-fold factor for use of a NOAEL based on a subchronic study instead of a chronic study; and
- 1- to 10-fold factor for extrapolation from a LOAEL to a NOAEL, if necessary.

Although on-going research is directed at the use of physiologically-based pharmacokinetic modeling to conduct interspecies extrapolation, at this time, no specific guidance is provided on the use of this method for developing better extrapolation (from animal to human, and administered versus absorbed) values for application.

In addition, a modifying factor can be used to account for adequacy of the database. Typically, the modifying factor is set equal to one. However, in certain instances, professional judgment can be applied to use the modifying factor to adjust the RfD (*e.g.*, epidemiological evidence). The IRIS database also provides a rating of confidence in the RfD, which refers to a qualitative judgment with regard to the quality of the critical study, the supporting database, and the dose developed.

4.4.3 Carcinogenic Effects

Cancer slope factors (CSFs, for oral and dermal exposures) and unit risk factors (URFs, for inhalation exposures) are constituent-specific, experimentally-derived potency values used to calculate the risk of cancer resulting from exposure to carcinogenic constituents. A higher value implies a more potent carcinogen. Studies of carcinogenicity typically focus on identification of the slope of the linear portion of a curve that relates dose *versus* tumorigenic response. A plausible upper-bound value of the slope is called the CSF (or URF). The product of a CSF and the exposure dose is an estimate of the risk of developing cancer. USEPA develops CSFs from chronic animal studies or, where possible, epidemiological data. Because animal studies use much higher doses over shorter periods of time than the exposures generally expected for humans, the data from these studies are adjusted, typically using a linearized multi-stage (LMS) mathematical model. To ensure protectiveness, CSFs are typically derived from the upper 95th percentile confidence limit of the slope, and thus the actual risks are unlikely to be higher than those predicted using the CSF, and may be considerably lower.

Historically, identification of constituents as known, probable, or possible human carcinogens was based on a USEPA weight-of-evidence classification scheme in which constituents were systematically evaluated for their ability to cause cancer in mammalian species, and conclusions

were reached about the potential to cause cancer in humans. The USEPA classification scheme (USEPA, 1989b) contained six classes based on the weight of available evidence, as follows:

- A - Known human carcinogen;
- B1 - Probable human carcinogen – limited evidence in humans;
- B2 - Probable human carcinogen – sufficient evidence in animals and inadequate data in humans;
- C - Possible human carcinogen – limited evidence in animals;
- D - Inadequate evidence to classify; and
- E - Evidence of non-carcinogenicity

USEPA does not develop CSFs for constituents in Classes D and E; therefore, in this risk assessment, carcinogenic risk evaluation was conducted for constituents in Classes A, B1, B2, and C.

4.4.4 Toxicity Values

4.4.4.1 Source of Toxicity Values

For this HHBRA, the USEPA December 2010 RSL Tables was the preferred source of toxicity values (EPA 2010a). The toxicity values used in this HHBRA are summarized in Table 13. The toxicity values used to develop RSLs follow the hierarchy of sources identified below:

1. IRIS;
2. Provisional Peer Reviewed Toxicity Values (PPRTVs) derived by EPA's Superfund Health Risk Technical Support Center;
3. The Agency for Toxic Substances and Disease Registry (ATSDR) minimal risk levels (MRLs);
4. California Environmental Protection Agency Chronic Reference Exposure Levels (RELS);
5. Screening toxicity values in an appendix to certain PPRTV assessments; and
6. Health Effects Summary Tables (HEAST).

4.4.4.2 Surrogate Toxicity Values

Several site COPC lack toxicity criteria from the sources listed above. USEPA Region 4 provided a surrogate chemical list that was applied to this HHBRA. The letter containing this list of surrogate chemicals is provided in Appendix D.

As described in Section 4.2.5, benzo(b/k)fluoranthene was retained as a COPC in Quadrants 1 and 2 based on a comparison to the more conservative RSL value for benzo(b)fluoranthene. Similarly, for the quantitative risk calculations for this COPC are based on the more conservative cancer slope factor for benzo(b)fluoranthene.

Surrogate toxicity values were also applied to Aroclors for this risk assessment. Specifically, the following extrapolations were applied: (i) the Aroclor 1254 slope factor is extrapolated to

Aroclor 1248, Aroclor 1260 and Aroclor 1268, (ii) the Aroclor 1254 reference dose was extrapolated to Aroclor 1248 and Aroclor 1260, and (iii) the Aroclor 1016 reference dose was extrapolated to Aroclor 1268. The uncertainty associated with these extrapolations, specifically, Aroclor 1254 toxicity values to Aroclor 1268 are presented in Section 4.9 (Uncertainty Analysis).

4.4.4.3 Derivation of Dermal Toxicity Values

Although USEPA has developed toxicity criteria for the oral and inhalation routes of exposure, it has not developed toxicity criteria for the dermal route of exposure. Based on USEPA guidance (2004), adjustment of oral toxicity criteria to derive dermal RfDs and CSFs was conducted as follows:

Dermal RfD = Oral RfD × Oral Absorption Efficiency; and
Dermal CSF = Oral SF/Oral Absorption Efficiency.

Values for oral absorption efficiency (i.e., GI absorption factors) were obtained from the December 2010 RSL Tables.

4.5 Risk Characterization

4.5.1 Overview

Risk characterization combines estimated exposure rates (*i.e.,* ADDs and LADDs) and toxicity criteria (*i.e.,* RfDs and CSF) resulting in estimates of theoretical upper-bound cancer risks and non-cancer hazards in hypothetical human receptors.

4.5.2 Methods for Assessing Cancer Risks

Theoretical upper-bound carcinogenic risk is estimated as the incremental probability of an individual developing cancer over a lifetime as a result of an exposure to a potentially carcinogenic COPC. Carcinogenic risks were evaluated by multiplying the estimated average exposure rate (*e.g.,* LADD calculated in the exposure assessment) by the COPC's CSF. The CSF converts estimated daily doses averaged over a lifetime to an incremental risk of an individual developing cancer. Because cancer risks are averaged over a person's lifetime, longer-term exposure to a carcinogen will result in higher risks than a shorter-term exposure to the same carcinogen, if all other exposure assumptions are constant. Theoretical risks associated with low levels of exposure in humans are assumed to be directly related to an observed cancer incidence in animals associated with high levels of exposure. According to USEPA (1989a), this approach is appropriate for theoretical upper-bound ELCR of less than 1×10^{-2}. The following equations were used to calculate COPC-specific risks and total risks:

$$Risk = LADD \times CSF \text{ (dermal contact and ingestion)} \quad \text{(EQ 6)}$$

$$Risk = LAC \times URF \text{ (inhalation)} \quad \text{(EQ 7)}$$

where:

LADD = lifetime average daily dose (mg/kg-d)
CSF = cancer slope factor $(mg/kg\text{-}d)^{-1}$
LAC = lifetime average concentration ($\mu g/m^3$)
URF = unit risk factor (risk per $\mu g/m^3$).

and

$Total\ Carcinogenic\ Risk = \Sigma\ Individual\ Risk$

It is assumed that cancer risks from various exposure routes are additive. Thus, the result of the assessment is a high-end estimate of the total carcinogenic risk. High-end carcinogenic risk estimates were compared to an acceptable risk range of 1 in 10,000 (10^{-4}) to 1 in 1 million (10^{-6}) or lower (USEPA, 1990).

4.5.3 Methods for Assessing Non-Cancer Health Effects

Non-cancer adverse health effects were estimated by comparing the estimated average exposure rate (*i.e.*, ADDs estimated in the exposure assessment) with an exposure level at which no adverse health effects are expected to occur for a long period of exposure (*i.e.*, the RfDs).

ADDs and RfDs were compared by dividing the ADD by the RfD to obtain the ADD:RfD ratio, as follows:

$$Hazard\ Quotient = ADD/RfD \quad \text{(EQ 8)}$$

$$Hazard\ Quotient = ADC/RfC \quad \text{(EQ 9)}$$

where:

ADD = average daily dose (mg/kg-day)
RfD = reference dose (mg/kg-day)
ADC = average daily concentration (mg/m^3)
RfC = reference concentration (mg/m^3).

Unlike carcinogenic risk estimates, a Hazard Quotient (HQ) is not expressed as a probability. If a person's average exposure is less than the RfD or RfC (*i.e.*, if the HQ is less than 1), the COPC is considered unlikely to pose a significant non-carcinogenic health hazard to individuals under the given exposure conditions. While both cancer and non-cancer risk characterizations indicate a relative potential for adverse effects to occur from exposure to a COPC, a non-cancer adverse health effect estimate is not directly comparable with a cancer risk estimate.

If more than one pathway is evaluated, the HQs for each pathway are summed to determine whether exposure to a combination of pathways poses a health concern. This sum of the HQs is known as a Hazard Index (HI):

Hazard Index = Σ Hazard Quotients.

Any HI at or below unity (1) indicates the exposure is unlikely to be associated with a potential health concern. USEPA suggests that if the HI exceeds unity, then target organ-specific HIs should be developed (USEPA, 2000). Note that this same USEPA Region 4 bulletin states HI values (as well as cancer risk values) are to be expressed as one significant figure.

It should be noted that not all COPCs act in a fashion that is additive; some COPC interactions may be antagonistic or have no interactive effect. In general, HQs are added for those COPCs that act similarly on the same target organs. If one COPC affects the kidney and a second COPC affects the lungs, these HQs are not summed. A target organ analysis has been performed where the HI (from all COPCs) exceeds 1, but no individual COPC has an HQ in excess of 1.

4.6 Risk Characterization

4.6.1 Industrial Worker Scenario

4.6.1.1 RME Risk Characterization

As shown in Tables 14A through 14E, when the less conservative RfD for Aroclor 1016 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 0.1, 0.4, 0.9 and 0.9 respectively, the calculated HI for the OTF area is 0.01. When the more conservative RfD for Aroclor 1254 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants1 through 4 are 0.1, 0.7, 1 and 1, respectively. Aroclor 1268 is not a COPC for the OTF area so there is only one computed HI value. All of these HIs are all less than or equal to the threshold level of 1 (unity).

As shown in Tables 14A through 14E, theoretical upper-bound cancer risk estimates for COPCs in soils for Quadrants 1 through 4 are 3×10^{-6}, 1×10^{-5}, 1×10^{-5} and 3×10^{-5}, respectively. The off-site tank farm theoretical upper-bound cancer risk estimate is 6×10^{-6}. These theoretical upper-bound cancer risk estimates are within the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.1.2 CTE Risk Characterization

As shown in Tables 15A through 15E, when the less conservative RfD for Aroclor 1016 is used in the HQ calculation for Aroclor 1268, the summed HI for all COPCs at the property for Quadrants1 through 4 are 0.02, 0.07, 0.2, and 0.2, respectively, while the calculated HI for the OTF area is 0.002. When the more conservative RfD for Aroclor 1254 is used in the HQ calculation for Aroclor 1268, the summed HI for all COPCs at the property for Quadrants1 through 4 are 0.02, 0.1, 0.2, and 0.3, respectively. These HIs are all less than the threshold level of 1.

As shown in Tables 15A through 15E, theoretical upper-bound cancer risk estimates for COPCs in soils for Quadrants 1 through 4 are 2×10^{-7}, 9×10^{-7}, 8×10^{-7} and 2×10^{-6}, respectively. The off-site tank farm theoretical upper-bound cancer risk estimate is 4×10^{-7}. These theoretical upper-bound cancer risk estimates are below or at the lower end of the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.2 Excavation Worker Scenario

4.6.2.1 RME Risk Characterization

As shown in Tables 16A to 16E, when the less conservative RfD for Aroclor 1016 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 0.2, 0.8, 1 and 2, respectively, while the calculated HI for the OTF area is 0.03. When the more conservative RfD for Aroclor 1254 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 0.2, 1, 1 and 3, respectively. With the exception of Quadrant 4, these HIs are all less than or equal to the threshold level of 1. The HIs for Quadrant 4 exceed 1 by a small margin.

As shown in Tables 16A through 16E, theoretical upper-bound cancer risk estimates for COPCs in soils for Quadrants 1 through 4 are 2×10^{-7}, 6×10^{-7}, 4×10^{-7} and 1×10^{-6}, respectively. The off-site tank farm theoretical upper-bound cancer risk estimate is 3×10^{-7}. These theoretical upper-bound cancer risk estimates are below or at the lower end of the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.2.2 CTE Risk Characterization

As shown in Tables 17A to 17E, when the less conservative RfD for Aroclor 1016 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for quadrants 1 through 4 are 0.05, 0.2, 0.4 and 0.5, respectively, while the calculated HI for the OTF area is 0.009. When the more conservative RfD for Aroclor 1254 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 0.1, 0.4, 0.4 and 0.9, respectively. The HIs for all EUs are less than the threshold level of 1.

As shown in Tables 16A through 16E, theoretical upper-bound cancer risk estimates for COPCs in soils for Quadrants 1 through 4 are 2×10^{-8}, 7×10^{-8}, $6 \times 10^{-7}$and 2×10^{-7}, respectively. The off-site tank farm theoretical upper-bound cancer risk estimate is 4×10^{-8}. These theoretical upper-bound cancer risk estimates are all below the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.3 Lead Risk Characterization for Nonresidential Exposures

Exposure of nonresidential workers to lead and subsequent blood lead concentrations are estimated by use of the ALM developed by the USEPA Technical Work Group for Lead (USEPA, 2003). The ALM model predicts an average soil lead concentration in excess of 1235 mg/kg is required to exceed a 5% probability that fetal blood level surpass a benchmark values determined to be protective of health (USEPA, 2009). The benchmark blood lead value is 10 micrograms lead per a deciliter of blood (µg/dL). In comparison, the IEUBK model for residential exposure predicted an average soil lead concentration of 400 mg/kg to be protective of health.

As shown below, all four quadrants and the OTF exhibited average **arithmetic mean** soil lead concentrations below the nonresidential soil concentration determined to be protective of human health based on a 10 µg/dL blood level (i.e., 1,235 mg/kg). The 95% UCL for the OTF exceeds

1235 mg/kg, but this is driven by a single detect of 3,155 mg/kg. The next highest value is 70 mg/kg.

Average and 95%UCL Soil lead Values for Site Exposure Units

	Mixed Soil (0 to 5 ft bgs)		Surface Soil (0 to 2 ft bgs)	
	Average (mg/kg)	**95%UCL (mg/kg)**	**Average (mg/kg)**	**95%UCL (mg/kg)**
OTF	159	413	280	2536
Quad 1	43	77	44	55
Quad 2	28	40	46	62
Quad 3	155	224	216	340
Quad 4	125	192	175	253

Note: Average and 95% UCL values calculated using ProUCL (Appendix F).

4.6.4 Current Trespasser Scenario

4.6.4.1 RME Risk Characterization

As shown in Tables 18A to 18E, The HI for the current trespasser for all EUs is less than unity. The highest calculated HI is for Quadrant 4 at 0.2. The theoretical upper-bound cancer risk estimates for all EUs are below or at the lower end of the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.4.2 CTE Risk Characterization

As shown in Tables 19A to 19E, the HI for the current trespasser for all EUs is less than unity. The highest calculated HI is for Quadrant 4 at 0.03. The theoretical upper-bound cancer risk estimates for all EUs are below or at the lower end of the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.5 Future Trespasser Scenario

4.6.5.1 RME Risk Characterization

As shown in Tables 20A to 20E, the HI for the current trespasser for all EUs is less than unity. The highest calculated HI is for Quadrant 4 at 0.4. The theoretical upper-bound cancer risk estimates for all EUs are below or at the lower end of the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.5.2 CTE Risk Characterization

As shown in Tables 21A to 21E, the HI for the current trespasser for all EUs is less than unity. The highest calculated HI is for Quadrant 4 at 0.03. The theoretical upper-bound cancer risk estimates for all EUs are below or at the lower end of the USEPA acceptable risk range of 10^{-4} to 10^{-6}. Because the CTE exposure factors for the current and future trespasser are identical between the two scenarios, the theoretical cancer risk and noncancer hazards are the same.

4.6.6 Hypothetical Resident

Unlike the other receptors considered in the HHBRA, the Hypothetical Resident scenario includes separate intake calculations for two different age groupings, child and adult. Because the child receptor has a higher COPC intake and a lower body weight, and because the averaging time for non-carcinogen exposure is equivalent to the exposure duration (i.e., not averaged over a lifetime), the child will always have higher noncancer HQs/HIs than the adult. Therefore, the HI values presented in the following sections are for the child receptor only.

In contrast, intake estimates for carcinogens are averaged over a 70 year lifetime, and consistent with USEPA guidance (USEPA, 1989, 2000, 2002a), cancer risk estimates for residential receptors are time-weighted to incorporate exposure as a child and as an adult. In this HHBRA, the total cancer risk estimate for the adult was multiplied by 0.8 (i.e., 24 years/30years) and added to the total risk estimate for the child. This procedure provides a value for a residential "lifetime" exposure duration of 30 years with 6 years as a child, and 24 years as an adult.

4.6.6.1 RME Risk Characterization

As shown in Tables 22A to 22E, when the less conservative RfD for Aroclor 1016 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 1, 4, 9 and 10, respectively, while the calculated HI for the OTF area is 0.1. When the more conservative RfD for Aroclor 1254 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for quadrants 1 through 4 are 1, 7, 10 and 15,

respectively. The computed HIs indicate an unacceptable noncancer hazards to hypothetical future residents on Quadrants 2, 3 and 4. Quadrant 1 and the OTF area have HIs less than the threshold level of 1.

Theoretical upper-bound cancer risk estimates for COPCs in soils for Quadrants 1 through 4 are 1×10^{-5}, 5×10^{-5}, 5×10^{-5} and 1×10^{-4}, respectively. The off-site tank farm theoretical upper-bound cancer risk estimate is 2×10^{-5}. These theoretical upper-bound cancer risk estimates are within the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.6.2 CTE Risk Characterization

As shown in Tables 23A to 23E, when the less conservative RfD for Aroclor 1016 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 0.7, 2, 5 and 5, respectively, while the calculated HI for the OTF area is 0.06 When the more conservative RfD for Aroclor 1254 is used in the HQ calculation for Aroclor 1268, the summed HIs for all COPCs at the property for Quadrants 1 through 4 are 0.8, 4, 6 and 8, respectively. The computed HIs indicate an unacceptable noncancer hazards to hypothetical future residents on Quadrants 2, 3 and 4. Quadrant 1 and the OTF area have HIs less than the threshold level of 1.

Theoretical upper-bound cancer risk estimates for COPCs in soils for Quadrants 1 through 4 are 3×10^{-6}, 9×10^{-6}, 8×10^{-6} and 2×10^{-5}, respectively. The off-site tank farm theoretical upper-bound cancer risk estimate is 4×10^{-6}. These theoretical upper-bound cancer risk estimates are all within the USEPA acceptable risk range of 10^{-4} to 10^{-6}.

4.6.7 Lead Risk Characterization for Residential Exposure

Potential exposure to lead was evaluated using USEPA's IEUBK model to assume that resident children aged 0 to 6 years could contact lead in soil. The USEPA recommends a benchmark of either 95% of the sensitive population of children having blood lead levels below 10 micrograms per deciliter (µg/dL) or a 95% probability of an individual child having a blood lead level below 10 µg/dL. Based on this requirement, exposure units should exhibit an average soil concentration of less than 400 mg/kg. All quadrants and the off-site tank farm exhibit an arithmetic mean soil lead concentration below 400 mg/kg.

4.7 Identification of Risk Drivers

4.7.1.1 Overview

The percentage of the total HI and ELCR contributed by primary COPC groups (e.g., Aroclors, PAHs and mercury) is summarized below for the RME exposure scenario. The principal drivers of site hazard are Aroclors[9] and mercury; the principal drivers of site risk are Aroclors and

[9] 4,6-dinitro-2-methylphenol was also a significant contributor to HI estimates in Quadrant 3 for the surface soil receptors, contributing from 37% to 61% of the total HI depending on the receptor scenario. These HI estimates are extremely conservative based on the fact that this constituent was only detected in one of 21 samples, and that single

PAHs. The contribution estimates for Aroclors are based on the more conservative evaluation of Aroclor 1268 using the RfD for Aroclor 1254.

4.7.1.2 Industrial Worker Risk Drivers

The percentage of the total HI and ELCR contributed by primary COPC groups (e.g., Aroclors, PAHs and mercury) is summarized below for the RME exposure scenario. The principal drivers of site hazard are Aroclors and mercury; the principal drivers of site risk are Aroclors and PAHs.

Principal Risk Drivers for Industrial Worker Assessment

	Aroclors*		PAHs		Mercury	
	%HI	%ELCR	%HI	%ELCR	%HI	%ELCR
Quadrant 1	35	11	0	33	45	0
Quadrant 2	94	68	0	16	4	0
Quadrant 3**	26	31	1	15	1	0
Quadrant 4	94	67	0	20	2	0
OTF	0	0	0	69	16	0

** 4,6-dinitro-2-methylphenol contributed 61% of the HI for the Industrial Worker at Quadrant 3.

4.7.1.3 Excavation Worker Hazard Risk Drivers

The percentage of the total HI and ELCR contributed by primary COPC groups, Aroclors, PAHs and mercury, is summarized below for the RME exposure scenario. The principal drivers of site hazard are Aroclors and mercury; the principal drivers of site risk are Aroclors and PAHs.

Principal Risk Drivers for Excavation Worker Assessment

	Aroclors		PAHs		Mercury	
	%HI	%ELCR	%HI	%ELCR	%HI	%ELCR
Quadrant 1	39	10	0	29	35	0
Quadrant 2	94	61	0	19	3	0
Quadrant 3**	40	33	1	21	3	0
Quadrant 4	90	61	<1	35	7	0
OTF	0	0	0	57	19	0

** 4,6-dinitro-2-methylphenol contributed 37% of the HI for the Excavation Worker at Quadrant 3.

4.7.1.4 Current/Future Trespasser Risk Drivers

The percentage of the total HI and ELCR contributed by primary COPC groups (e.g. Aroclors, PAHs and mercury, is summarized below for the RME exposure scenario. The principal drivers of site hazard are Aroclors and mercury; the principal drivers of site risk are Aroclors and PAHs.

detected concentration (32 mg/kg) was used as the EPC because ProUCL does not generate UCL estimates for data sets consisting of so many non-detects. The highest detection limit value was 3.65 mg/kg.

Principal Risk Drivers for Trespasser Assessment

	Aroclors		PAHs		Mercury	
	%HI	%ELCR	%HI	%ELCR	%HI	%ELCR
Quadrant 1	49	14	0	40	37	0
Quadrant 2	96	72	0	17	2	0
Quadrant 3**	28	37	<1	17	1	0
Quadrant 4	96	71	<1	21	1	0
OTF	0	0	0	76	14	0

** 4,6-dinitro-2-methylphenol contributed 62% of the HI for the Current/Future Trespasser at Quadrant 3.

4.7.1.5 Hypothetical Resident Risk Drivers

The percentage of the total HI and ELCR contributed by primary COPC groups e.g., Aroclors, PAHs and mercury) is summarized below for the RME exposure scenario. The principal drivers of site hazard are Aroclors and mercury; the principal drivers of site risk are Aroclors and PAHs.

Principal Risk Drivers for Hypothetical Resident Assessment

	Aroclors		PAHs		Mercury	
	%HI	%ELCR	%HI	%ELCR	%HI	%ELCR
Quadrant 1	25	10	0	29	50	0
Quadrant 2	91	65	0	15	6	0
Quadrant 3**	25	27	<1	13	2	0
Quadrant 4	92	64	<1	19	2	0
OTF	0	0	0	58	17	0

** 4,6-dinitro-2-methylphenol contributed 63% of the HI for the Hypothetical Resident at Quadrant 3.

4.8 Remedial Goal Options

4.8.1 Overview

Health risk-based soil concentrations have been developed from the risk characterization model setup for each receptor for non-cancer effects and cancer endpoints for each of these COPCs. These concentrations may be utilized as remedial goal options (RGOs) for the Feasibility Study in evaluating whether clusters of sample locations exceeding the RGO (USEPA often uses the term "hot spots" to describe this circumstance) warrant consideration for remedial action, even though the cancer risk and non-cancer hazard for that EU is within acceptable range. Consistent with USEPA Region 4 guidance (2002), RGOs were calculated for each COPC identified as a COC. This guidance states:

> *Chemicals of Concern (COCs) are the Chemicals of Potential Concern (COPCs) that significantly contribute to a pathway in a use scenario for a receptor (e.g. hypothetical future*

child resident, current youth trespasser, current adult construction worker, etc.) that either (a) exceeds a 10-4 cumulative site cancer risk; or (b) exceeds a non-carcinogenic hazard index (HI) of 1. Note: generally, a 10-4 cumulative site risk level and an HI of 1 are used as the remediation "trigger." The exact level used as the "trigger" is at the discretion of the risk manager. The carcinogen "trigger" represents the summed risks to a receptor considering all pathways, media, and routes per land use scenario. The HI represents the total of the hazard quotients (HQs) of all COPCs in all pathways, media, and routes to which the receptor is exposed. If the HI exceeds 1.0, then more specific HIs should be developed by summing HQs of COPCs with Reference Doses (RfDs) based on toxic effects on the same target organs. This specific target-organ based HI should form the basis of COC selection. Chemicals are not considered as significant contributors to risk and therefore are not included as COCs if their individual carcinogenic risk contribution is less than 10-6 and their non-carcinogenic HQ is less than 0.1.

Consistent with USEPA guidance, the RBCs are calculated based on a progression of hazard indices and cancer risks (i.e., HIs of 0.1, 1.0, and 3.0, and a theoretical upper-bound ELCRs of 1×10^{-6}, 1×10^{-5}, and 1×10^{-4}) for individual chemicals. To calculate RGOs, a simple proportion calculation can be performed:

$$\text{RGO} = \frac{\text{EPC}_{\text{COPCx}} \times \text{Target HQ/ELCR}_{\text{COPCx}}}{\text{Computed HQ/ELCR}_{\text{COPCx}}} \qquad \text{(EQ 10)}$$

Receptor risk estimate summaries are provided in Tables 24, 26, and 26. Examination these tables indicates that the Industrial Worker and Hypothetical Resident are the only receptors for which cancer risk estimates trigger development of RGOs on one or more of the EUs. The noncancer hazard estimates for the Industrial Worker, Excavation Worker, and Hypothetical Resident scenarios trigger the development of RGOs in one or more of the EUs. The calculated RGOs for these scenarios are provided in Table 27.

4.9 Uncertainty Analysis

4.9.1 Overview

All risk estimates have some degree of uncertainty due to the uncertainty and variability in the exposure and toxicity value used to estimate risk. These uncertainties, which arise at every step of a risk assessment, are evaluated to provide an indication of the relative degree of overall uncertainty associated with a risk estimate. In this section, a qualitative discussion of the uncertainties associated with the risk assessment for the site is presented. Table 28 provides a summary of the qualitative evaluation of uncertainty applicable to the receptor scenarios considered.

Risk assessments are not intended to estimate actual risks to a receptor associated with exposure to chemicals in the environment. In fact, estimating actual risks is impossible because of the variability in the exposed or potentially exposed populations. Therefore, risk assessment is a means of estimating the probability that an adverse health effect (*e.g.*, cancer, impaired

reproduction) will occur in a receptor. The multitude of conservative assumptions used in risk assessments guard against underestimation of risks.

Risk estimates are calculated by combining site data, assumptions about individual receptor's exposures to impacted media, and toxicity data. The uncertainties in this risk assessment can be grouped into three main categories that correspond to these steps:

- Uncertainties in environmental sampling and analysis;
- Uncertainties in assumptions concerning exposure scenarios;
- Uncertainties in toxicity data; and
- Uncertainties due to background or ubiquitous constituents.

4.9.2 Environmental Sampling and Analysis

This risk assessment is based on the sampling results obtained from the previous investigations at the property. Errors and variability in sampling results can arise from the field sampling, laboratory analyses, and data analyses. Differences in laboratories, analysis procedures and quality of results are variables for this project (*e.g.*, the data set utilizes results of both onsite/mobile laboratory testing and off-site/commercial laboratory testing, although the impacts of these sorts of errors on the risk estimates are likely to be low).

The environmental sampling at a site is one source of uncertainty in the evaluation. However, the number of sampling locations and events is large; and USEPA has concurred that the investigational program is sufficient to support decision making at the property. Therefore, the sampling and analysis data is deemed sufficient to characterize the impacts and the associated potential risks.

4.9.3 Uncertainties in the COPC Screening Process

Constituents were selected as COPCs based on comparisons between the maximum detected concentration and conservative risk-based screening criteria (i.e., USEPA residential RSLs). A number of detected constituents did not have an RSL. USEPA Region 4 provided toxicological "surrogates" for some of these constituents (Appendix D), and the RSLs for these surrogates were used in the screening process.

There were also a number of constituents with no or limited detected results, but for which more than 5% of the data records have analytical detection limits that exceed the relevant RSL values. These constituents were subjected to a refined screening approach in which the detection limits in Level 4 (i.e., higher quality) data records were compared to the USEPA RSLs and CRQLs. Additional factors such as the presence of the constituent in samples of material excavated in the removal response action and information about historical use of the constituent at the site were also considered for these constituents.

The remaining constituents that could not be completely eliminated as COPC based on this refined screening process were identified as "Qualitative COPC" in Tables 1A through 5A. A complete list of these constituents is provided below:

Off Site Tank Farm	Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
Aroclor-1016	4,6-Dinitrophenol	No Qualitative COPC	1,1-Dichloropropene	No Qualitative COPC
Aroclor-1221	Bis(2-Chloroethyl) ether			
Aroclor-1232	Hexachlorobenzene			
Aroclor-1242	N-Nitroso-di-n-propylamine			
Aroclor-1248	Pyridine			
Aroclor-1254				
Aroclor-1260				
Aroclor-1268				

A factor that significantly influences the identification of these COPC is the application of the refined screening criteria on quadrant-specific basis. If the same set of refined screening criteria were applied to the site-wide OU3 dataset, all of these constituents would be eliminated as COPC because there are a sufficient number of Level 4 data results on a site-wide basis to conclude that these constituents are not present at concentrations that represent a potential human health concern. Further, for these constituents the majority of sample results with data quality issues (i.e., detection limits that exceed CRQLs) were generated by USEPA's Environmental Sciences Division (ESD) laboratory which analyzed a large number of samples during the removal response action.

The use of this conservative screening process in the HHBRA provides a high degree of certainty that the quantitative risk assessment focused on COPCs that had the highest contribution to potential risks. As shown in Section 4.7, even though many COPCs were identified in each of the quadrants, Aroclors, PAHs, and mercury were the primary risk drivers in most of the quadrants. Potential uncertainty associated with the exclusion of constituents is also minimized by the use of highly conservative screening criteria.

4.9.4 Uncertainties in Exposure Assumptions

In this risk assessment, the exposure assessment is based on a number of assumptions with varying degrees of uncertainty. Uncertainties can arise from the types of exposures examined, the points of potential human exposure, the concentrations of COPCs at the points of human exposure, and the intake assumptions. The selection of exposure pathways is a process, often based on best professional judgment that attempts to identify the most probable potentially harmful exposure scenarios. While exposure pathways other than the ones quantified in this HHBRA could exist for a future land use, these exposures are expected to be much lower than the risks associated with the pathways considered in this risk assessment.

The risks calculated depend largely on the assumptions used to calculate the rate of COPC intake. For this assessment, reasonable maximum exposures were used. In the absence of a value for a particular exposure parameter, professional judgment based on site conditions was

used. The uncertainties associated with the parameters used in this risk assessment are described below.

Individuals can come into contact with chemicals via a number of different exposure routes. For the reasonable maximum exposure scenarios, standard default rates were used for these exposures. These represent upper-bound values and provide reasonable maximum activity assumptions. The use of these standard default and upper-end values makes it likely that the risk is not underestimated, and may in fact be overestimated.

4.9.5 Uncertainties in Aroclor 1268 Toxicity Data

The IRIS database does not contain an oral cancer slope factor or an oral reference dose specific to Aroclor 1268. Therefore, as a conservative measure, the EPA and EPD required the use of Aroclor 1254 toxicity values (the most toxic form of Aroclor) as a surrogate for Aroclor 1268 in the HHBRA. This conservative measure can reasonably be acknowledged to overestimate the risk imposed by Aroclor 1268 based on recent toxicology studies available in the scientific peer-reviewed literature.

It is understood that the Aroclor 1268 toxicity values from the peer-reviewed literature have not been evaluated by USEPA's IRIS assessment review and are not established Provisional Peer Reviewed Toxicity Values. However, the consensus of the studies is that Aroclor 1268 represents the least toxic scenario and harm of the Aroclors evaluated, which are lower than the values available for either Aroclor 1016 or Aroclor 1254. An analysis of Aroclor 1268 toxicity from the peer-reviewed literature was completed and is presented as an element of uncertainty in the modeling process in Appendix G.

4.9.6 Uncertainties Due to Background or Ubiquitous Constituents

Review of the February 2007 OU3 HHBRA indicated some quadrant risk characterizations were artificially elevated due to soil PAHs which are at concentrations equivalent to the regional condition across the Brunswick peninsula. Consequently, a review of the screening process for soil PAH data was completed to account for background levels, as shown in Appendix H. The review included data at the national scale, from the regional scale and from peer-reviewed literature applicable to coastal soils for the following PAHs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(c,d-123)pyrene.

It is also important to note that the data from all quadrants at the LCP site are dominated by non-detects for PAHs. The inclusion of PAHs in the HHBRA followed standard EPA procedures for non-detects by applying as a surrogate result value of one-half the detection limit. This point is discussed in further detail in Appendix H.

In summary, for all PAHs and in all quadrants, the median value of the background sample developed from literature specific to the Southeast United States was greater than the median value of that individual PAH on the LCP site. In some cases, the mean values in some of the quadrants were higher than the corresponding background mean. In these cases, the difference

between the two sets values was assessed with the Wilcoxon Rank Sum test. In all cases in which the quadrant mean was greater than the background mean, the Wilcoxon Rank Sum Test did not show a significant difference between the two data sets. The overall conclusion is that the PAHs that are present at the site are at or below levels consistent with general anthropogenic background for the southeast Atlantic coast. This analysis was complicated by the large number of non-detects in the site sample; however, this number of non-detects suggests on a qualitative basis that site-related concentrations of carcinogenic PAHs are relatively low.

The results of PAH background evaluation suggest the inclusion of PAHs in the HHBRA would include non-site related contributions to the cumulative risk assessment. Therefore, quadrant risk elevated in part by PAHs should be considered as a potential point of uncertainty.

4.9.7 Uncertainties Due to Exclusion of TEG Data Records

As discussed in Section 4.2.2 and in Appendix A, all data generated the TEG onsite laboratory were excluded from the quantitative risk characterization provided in the body of this report. The TEG laboratory was used for a period of time to support the upland removal response action, but was eventually replaced by another onsite laboratory (QAL) because of unsatisfactory quality control. As directed by USEPA, a separate quantitative risk characterization was conducted based on the OU3 data set including data from the TEG laboratory.

The detailed risk calculation tables associated with this separate analysis are provided in Appendix A. In addition, Tables 10 and 11 provide side-by-side comparisons of the EPCs generated using both data sets and Tables 24 through 26 provide summaries of the theoretical cancer risk and noncancer hazard by quadrant for both data sets. As shown in Tables 6 and 7, the EPCs for most of the COPCs are not significantly different between the two data sets. The inclusion of the TEG data is generally most significant for the Aroclors, for which the EPCs are higher when the TEG data are included. As shown in Tables 24 through 27, when the data sets that include the TEG data are used, the cancer risk and hazard estimates increase by a maximum of about 2 times in Quad 2. The differences in the other EUs are less significant. Overall, these results demonstrate that the exclusion of the TEG data had a minimal effect on the analysis or the conclusions drawn from it.

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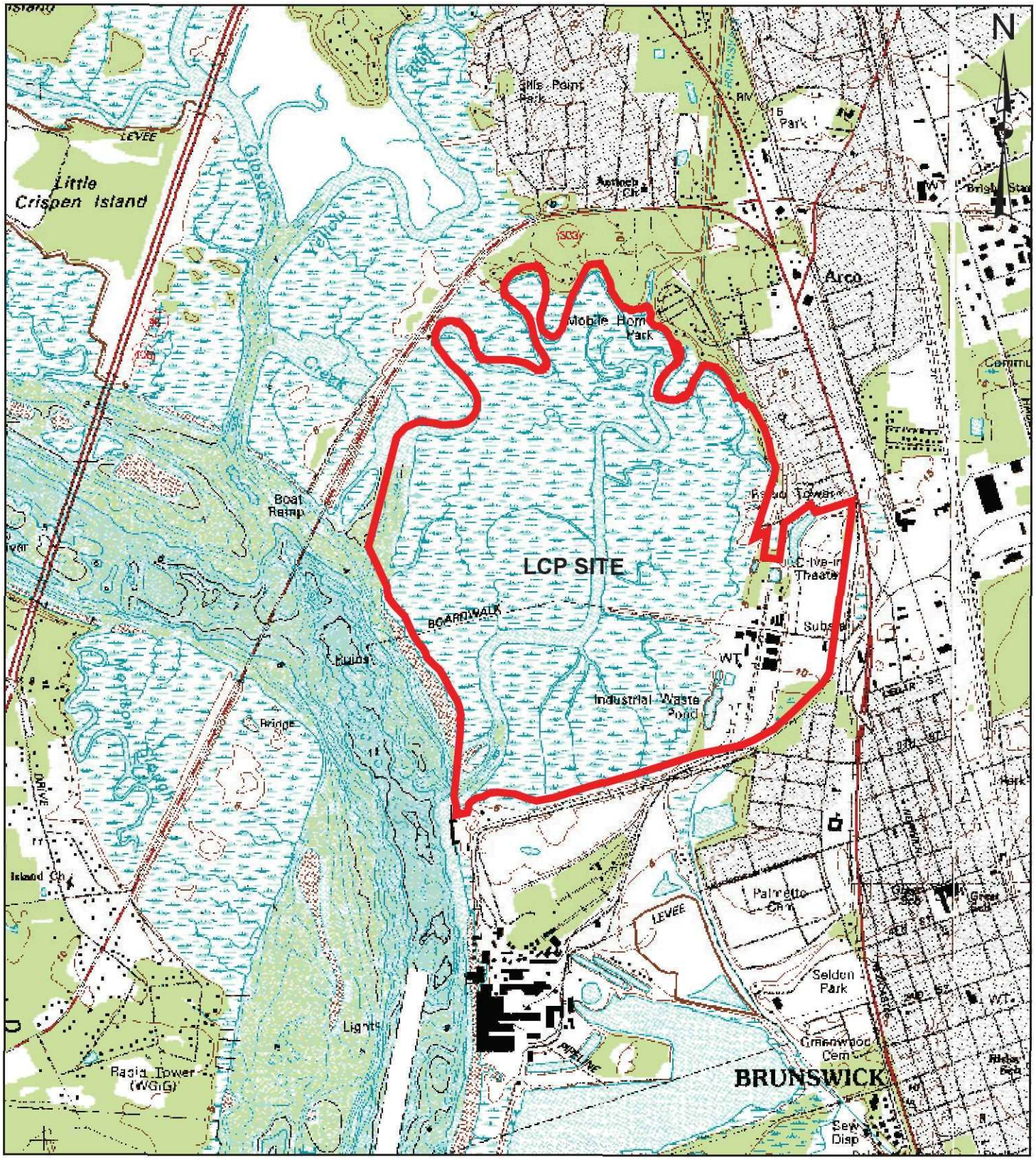
FIGURES

Site Location



EXPOSURE UNITS USED IN HUMAN HEALTH BASELINE RISK ASSESSMENT OU3 - UPLAND SOILS

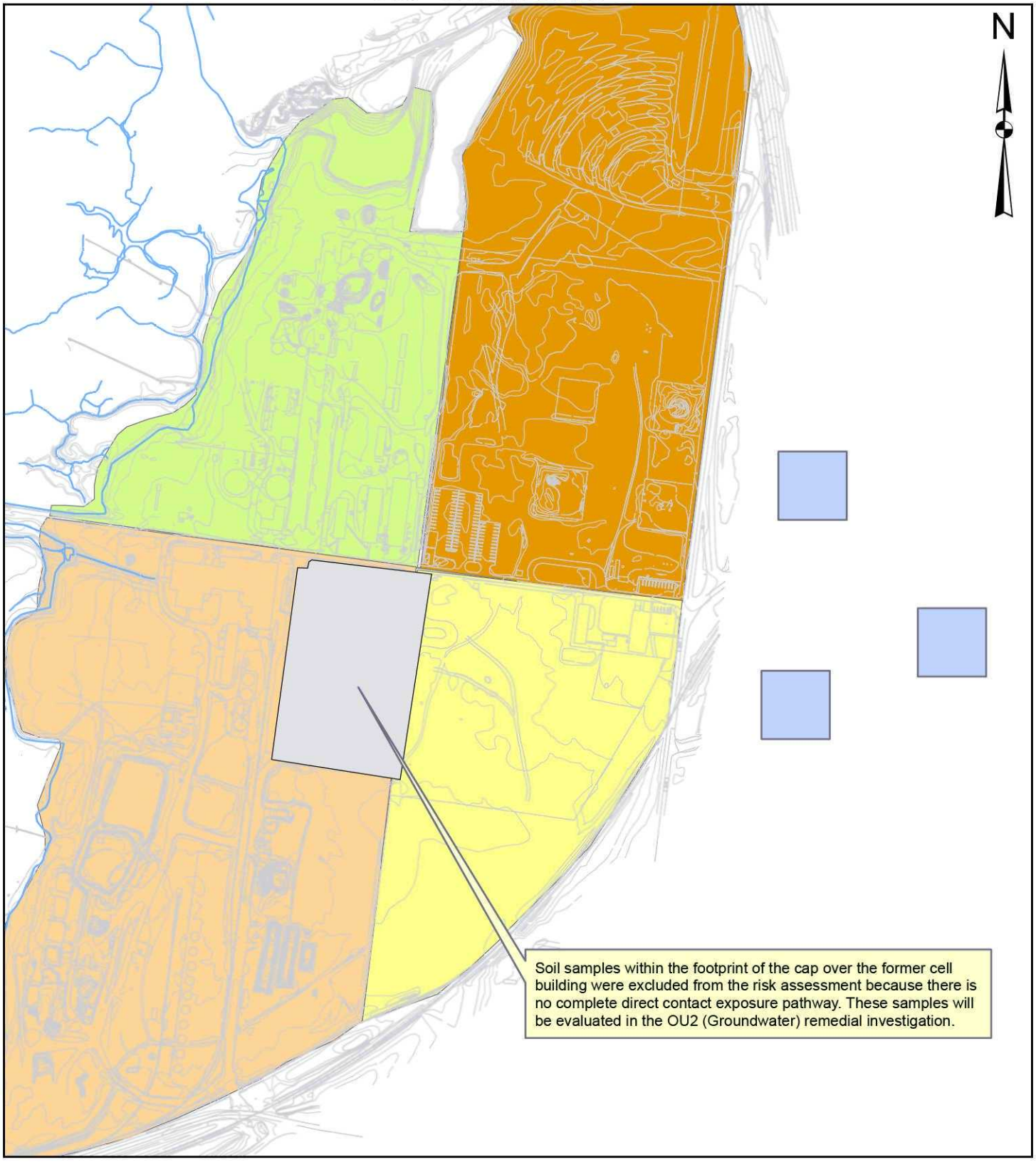


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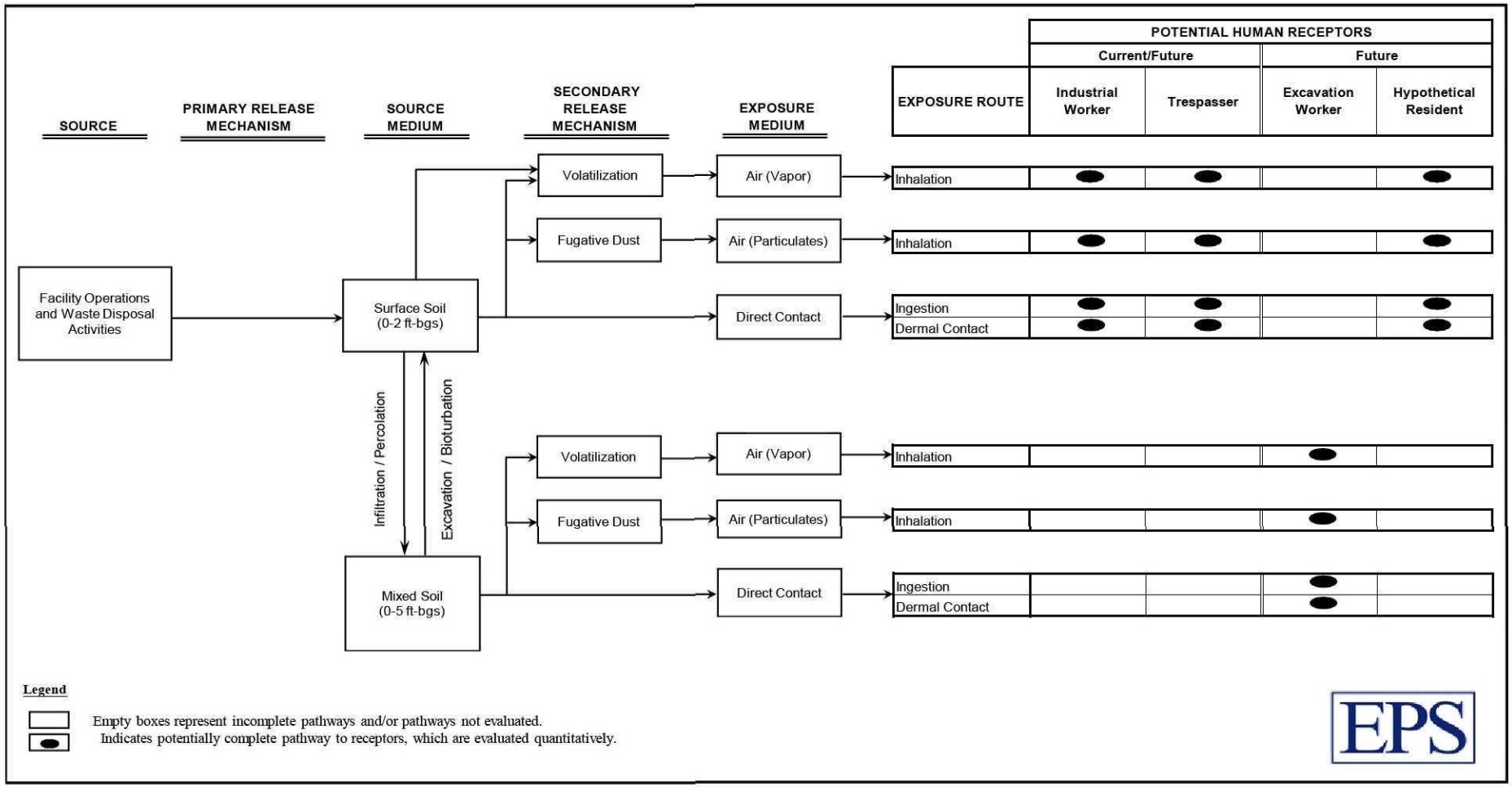
Figure 2

Figure 3
Human Health Conceptual Site Model



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TABLES

Table 1A
Soil Data Evaluation and COPC Identification - OTF

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Identified as COPC																			
Arsenic	2	3	1	3	1.3	**1.7**	1	1	67	100	0.39	c	Y	**0.39**	**Y**	Y	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)anthracene	7	27	20	27	0.026	**0.92**	0.33	0.39	26	100	0.15	c	Y	**0.15**	**Y**	Y	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)pyrene	6	27	21	27	0.029	**1.37**	0.33	0.39	22	100	0.015	c	Y	**0.015**	**Y**	Y	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b)fluoranthene	6	27	21	27	0.051	**2.18**	0.33	0.39	22	100	0.15	c	Y	**0.15**	**Y**	Y	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Chromium	3	3	0	3	1.7	**5**	0.1099	0.11	100	100	0.29	c	Y	**0.29**	**Y**	N	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Dibenzo(a,h)anthracene	2	27	25	27	0.05	**0.32**	0.33	0.39	7	100	0.015	c	Y	**0.015**	**Y**	Y	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Lead	12	12	0	27	11.8	**3155**	11	13	44	44	400	n	Y	**400**	**Y**	N	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Mercury	3	26	23	27	0.0909	**1.67**	0.054	0.39	11	96	5.6	n	N	**0.56**	**Y**	N	**Yes**	Y	**Retain as COPC** - Max Detect > RSL
Constituents Where Only Non-detect Values Exceed Adjusted RSL Values - Carry Forward to Screening Refinements (See Table 1B)																			
Indeno(1,2,3-cd)pyrene	2	27	25	27	0.098	**0.11**	0.31	**0.39**	7	100	0.15	c	N	**0.15**	N	Y	No	B	Drop - <10% DL > CRQL
Aroclor-1268	1	25	24	27	0.21	**0.21**	0.035	**2.6**	4	93	0.22	c	N	**0.22**	N	Y	No	B	Drop - <10% DL > CRQL
4,6-Dinitro-2-methylphenol	0	3	3	3			0.88	**0.93**	0	100	4.9	n	N	**0.49**	N	Y	No	B	Drop - <10% DL > CRQL
bis(2-Chloroethyl) ether	0	3	3	3			0.35	**0.37**	0	100	0.21	c	N	**0.21**	N	Y	No	B	Drop - <10% DL > CRQL
N-Nitroso-di-n-propylamine	0	3	3	3			0.35	**0.37**	0	100	0.069	c	N	**0.069**	N	Y	No	B	Drop - <10% DL > CRQL
Thallium [3]	0	3	3	3			0.96	**1**	0	100	5.1	n	N	**0.51**	N	Y	No	B, T	Drop - <10% DL > CRQL
Aroclor-1016	0	24	24	27			0.035	**2.6**	0	89	3.9	n	N	**0.39**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Aroclor-1221	0	24	24	27			0.071	**2.6**	0	89	0.14	c	N	**0.14**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Aroclor-1232	0	24	24	27			0.035	**2.6**	0	89	0.14	c	N	**0.14**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Aroclor-1242	0	24	24	27			0.035	**2.6**	0	89	0.22	c	N	**0.22**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Aroclor-1248	0	24	24	27			0.035	**2.6**	0	89	0.22	c	N	**0.22**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Aroclor-1254	0	24	24	27			0.035	**2.6**	0	89	0.22	c	N	**0.22**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Aroclor-1260	0	24	24	27			0.035	**2.6**	0	89	0.22	c	N	**0.22**	N	Y	**Yes**	B, Q	**Retain as Qualatative COPC**
Pentachlorophenol	0	1	1	3			0.88	**0.93**	0	33	0.89	c	N	**0.89**	N	Y	No	B	Drop - <10% DL > CRQL
Constituents Without Identified RSL Value - Surrogate Constituents Identified by EPA																			
Endrin ketone	3	3		3	0.0044	**0.0073**	0.0035	**0.0037**	100	100	18	n	N	**1.8**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
alpha-Chlordane	1	1		3	0.0015	**0.0015**	0.0018	**0.0019**	33	33	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan I	1	1		3	0.00018	**0.00018**	0.0018	**0.0019**	33	33	370	n	N	**37**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan sulfate	1	1		3	0.0016	**0.0016**	0.0035	**0.0037**	33	33	370	n	N	**37**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
gamma-Chlordane	1	1		3	0.0019	**0.0019**	0.0018	**0.0019**	33	33	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Benzo(g,h,i)perylene	4	4		27	0.13	**1.35**	0.33	**0.39**	15	15	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
n-Propylbenzene	3	3		24	0.05999	**0.17**	0.05	**0.07**	13	13	5.4	c	N	**5.4**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Phenanthrene	3	3		27	0.026	**0.079**	0.31	**0.39**	11	11	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
n-Butylbenzene	1	1		24	0.14	**0.14**	0.05	**0.07**	4	4	5.4	c	N	**5.4**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
p-Isopropyltoluene	1	1		24	0.17	**0.17**	0.05	**0.07**	4	4	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Acenaphthylene	1	1		27	0.42	**0.42**	0.31	**0.39**	4	4	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
1,3-Dichlorobenzene	0	0		27			0.05	**0.37**	0	0	1900	n	N	**190**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2-Nitrophenol	0	0		3			0.35	**0.37**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
3-Nitroaniline	0	0		3			0.88	**0.93**	0	0	610	n	N	**61**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
4-Chlorophenyl-phenylether	0	0		3			0.35	**0.37**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
4-Nitrophenol	0	0		3			0.88	**0.93**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
cis-1,3-Dichloropropene	0	0		27			0.011	**0.07**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
delta-BHC	0	0		3			0.0018	**0.0019**	0	0	0.077	c	N	**0.077**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Dibenzofuran	0	0		3			0.35	**0.37**	0	0	78	n	N	**7.8**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endrin aldehyde	0	0		3			0.0035	**0.0037**	0	0	18	n	N	**1.8**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
sec-Butylbenzene	0	0		24			0.05	**0.07**	0	0	2100	n	N	**210**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
tert-Butylbenzene	0	0		24			0.05	**0.07**	0	0	2100	n	N	**210**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
trans-1,3-Dichloropropene	0	0		27			0.011	**0.07**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL

Table 1A
Soil Data Evaluation and COPC Identification - OTF

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Constituents Screened Out on Basis of Low Frequency of Detection																			
1,1,1-Trichloroethane	0	0		27			0.011	**0.07**	0	0	8700	n	N	**870**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,2,2-Tetrachloroethane	0	0		27			0.011	**0.07**	0	0	0.56	c	N	**0.56**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,2-Trichloroethane	0	0		27			0.011	**0.07**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethane	0	0		27			0.011	**0.07**	0	0	3.3	c	N	**3.3**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethene	0	0		27			0.011	**0.07**	0	0	240	n	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,4-Trichlorobenzene	0	0		3			0.35	**0.37**	0	0	22	c	N	**22**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichlorobenzene	0	0		27			0.05	**0.37**	0	0	1900	n	N	**190**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichloroethane	0	0		27			0.011	**0.07**	0	0	0.43	c	N	**0.43**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichloropropane	0	0		27			0.011	**0.07**	0	0	0.89	c	N	**0.89**	N	N	No	C	Drop - No Detects and All DL < RSL
1,3,5-Trimethylbenzene	0	0		24			0.05	**0.07**	0	0	780	n	N	**78**	N	N	No	C	Drop - No Detects and All DL < RSL
1,4-Dichlorobenzene	0	0		27			0.05	**0.37**	0	0	2.4	c	N	**2.4**	N	N	No	C	Drop - No Detects and All DL < RSL
1-Methyl Naphthalene	0	0		24			0.31	**0.39**	0	0	22	c	N	**22**	N	N	No	C	Drop - No Detects and All DL < RSL
2,2'-Oxybis(1-Chloropropane)	0	0		3			0.35	**0.37**	0	0							No	F	Drop - No Detects and No RSL
2,4,5-Trichlorophenol	0	0		3			0.88	**0.93**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,6-Trichlorophenol	0	0		3			0.35	**0.37**	0	0	44	c	N	**44**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dichlorophenol	0	0		3			0.35	**0.37**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dimethylphenol	0	0		3			0.35	**0.37**	0	0	1200	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dinitrophenol	0	0		3			0.88	**0.93**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dinitrotoluene	0	0	0	3			0.35	**0.37**	0	0	1.6	c	N	**1.6**	N	N	No	C	Drop - No Detects and All DL < RSL
2,6-Dinitrotoluene	0	0		3			0.35	**0.37**	0	0	61	n	N	**6.1**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Butanone (MEK)	0	0		3			0.011	**0.011**	0	0	28000	n	N	**2800**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chloroethyl vinyl ether	0	0		24			0.05	**0.07**	0	0				**0**			No	F	Drop - No Detects and No RSL
2-Chloronaphthalene	0	0		3			0.35	**0.37**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorophenol	0	0		3			0.35	**0.37**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Hexanone	0	0		3			0.011	**0.011**	0	0	210	n	N	**21**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Methylphenol	0	0		3			0.35	**0.37**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Nitroaniline	0	0		3			0.88	**0.93**	0	0	610	n	N	**61**	N	N	No	C	Drop - No Detects and All DL < RSL
3,3'-Dichlorobenzidine	0	0		3			0.35	**0.37**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Bromophenyl-phenylether	0	0		3			0.35	**0.37**	0	0							No	C	Drop - No Detects and No RSL
4-Chloroaniline	0	0		3			0.35	**0.37**	0	0	2.4	c	N	**2.4**	N	N	No	F	Drop - No Detects and All DL < RSL
4-Chloro-3-methylphenol	0	0		3			0.35	**0.37**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methyl-2-pentanone	0	0		3			0.011	**0.011**	0	0	5300	n	N	**530**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methylphenol	0	0		3			0.35	**0.37**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Nitroaniline	0	0		3			0.88	**0.93**	0	0	24	c	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
Acenaphthene	0	0		27			0.31	**0.39**	0	0	3400	n	N	**340**	N	N	No	C	Drop - No Detects and All DL < RSL
Acetone	0	0		3			0.011	**0.011**	0	0	61000	n	N	**6100**	N	N	No	C	Drop - No Detects and All DL < RSL
alpha-BHC	0	0		3			0.0018	**0.0019**	0	0	0.077	c	N	**0.077**	N	N	No	C	Drop - No Detects and All DL < RSL
Benzene	0	0		27			0.011	**0.07**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
Beryllium	0	0		3			0.17	**0.18**	0	0	160	n	N	**16**	N	N	No	C	Drop - No Detects and All DL < RSL
beta-BHC	0	0		3			0.0018	**0.0019**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < RSL
bis(2-Chloroethoxy) methane	0	0		3			0.35	**0.37**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromodichloromethane	0	0		27			0.011	**0.07**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromoform	0	0		27			0.011	**0.07**	0	0	61	c	N	**61**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromomethane	0	0		27			0.011	**0.07**	0	0	7.3	n	N	**0.73**	N	N	No	C	Drop - No Detects and All DL < RSL
Butylbenzylphthalate	0	0		3			0.35	**0.37**	0	0	260	c	N	**260**	N	N	No	C	Drop - No Detects and All DL < RSL
Carbazole	0	0		3			0.35	**0.37**	0	0							No	F	Drop - No Detects and No RSL
Carbon disulfide	0	0		3			0.011	**0.011**	0	0	820	n	N	**82**	N	N	No	C	Drop - No Detects and All DL < RSL
Carbon tetrachloride	0	0		27			0.011	**0.07**	0	0	0.61	c	N	**0.61**	N	N	No	C	Drop - No Detects and All DL < RSL
Chlorobenzene	0	0		27			0.011	**0.07**	0	0	290	n	N	**29**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroethane	0	0		27			0.011	**0.07**	0	0	15000	n	N	**1500**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroform	0	0		27			0.011	**0.07**	0	0	0.29	c	N	**0.29**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloromethane	0	0		27			0.011	**0.07**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < RSL
cis/trans1,2-Dichloroethene	0	0		3			0.011	**0.011**	0	0	700	n	N	**70**	N	N	No	C	Drop - No Detects and All DL < RSL
cis-1,2-Dichloroethene	0	0		24			0.05	**0.07**	0	0	160	n	N	**16**	N	N	No	C	Drop - No Detects and All DL < RSL
Cyanide	0	0		3			0.04	**0.04**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromochloromethane	0	0		27			0.011	**0.07**	0	0	0.68	c	N	**0.68**	N	N	No	C	Drop - No Detects and All DL < RSL
Dichlorodifluoromethane	0	0		24			0.05	**0.07**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Diethylphthalate	0	0		3			0.35	**0.37**	0	0	49000	n	N	**4900**	N	N	No	C	Drop - No Detects and All DL < RSL
Dimethylphthalate	0	0		3			0.35	**0.37**	0	0							No	F	Drop - No Detects and No RSL

Table 1A
Soil Data Evaluation and COPC Identification - OTF

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Di-n-octylphthalate	0	0		3			0.35	**0.37**	0	0							No	F	Drop - No Detects and No RSL
Fluorene	0	0		27			0.31	**0.39**	0	0	2300	n	N	**230**	N	N	No	C	Drop - No Detects and All DL < RSL
gamma-BHC (Lindane)	0	0		3			0.0018	**0.0019**	0	0	0.52	n	N	**0.052**	N	N	No	C	Drop - No Detects and All DL < RSL
Heptachlor	0	0		3			0.0018	**0.0019**	0	0	0.11	c	N	**0.11**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachlorobenzene	0	0		3			0.35	**0.37**	0	0	0.3	c	N	**0.3**	N	Y	No	C	Drop - No Detects and All DL < RSL
Hexachlorobutadiene	0	0		3			0.35	**0.37**	0	0	6.2	n	N	**0.62**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachlorocyclopentadiene	0	0		3			0.35	**0.37**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachloroethane	0	0		3			0.35	**0.37**	0	0	35	n	N	**3.5**	N	N	No	C	Drop - No Detects and All DL < RSL
Isophorone	0	0		3			0.35	**0.37**	0	0	510	n	N	**51**	N	N	No	C	Drop - No Detects and All DL < RSL
Isopropylbenzene	0	0		24			0.05	**0.07**	0	0	2100	n	N	**210**	N	N	No	C	Drop - No Detects and All DL < RSL
m&p-Xylene	0	0		24			0.05	**0.07**	0	0	3400	n	N	**340**	N	N	No	C	Drop - No Detects and All DL < RSL
Naphthalene	0	0		27			0.31	**0.39**	0	0	3.6	c	N	**3.6**	N	N	No	C	Drop - No Detects and All DL < RSL
Nitrobenzene	0	0		3			0.35	**0.37**	0	0	4.8	c	N	**4.8**	N	N	No	C	Drop - No Detects and All DL < RSL
N-Nitrosodiphenylamine/Diphenylamine	0	0		3			0.35	**0.37**	0	0	99	c	N	**99**	N	N	No	C	Drop - No Detects and All DL < RSL
o-Xylene	0	0		24			0.05	**0.07**	0	0	3800	n	N	**380**	N	N	No	C	Drop - No Detects and All DL < RSL
Phenol	0	0		3			0.35	**0.37**	0	0	18000	n	N	**1800**	N	N	No	C	Drop - No Detects and All DL < RSL
Silver	0	0		3			0.49	**0.52**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
Styrene	0	0		27			0.011	**0.07**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
Tetrachloroethene	0	0		27			0.011	**0.07**	0	0	0.55	c	N	**0.55**	N	N	No	C	Drop - No Detects and All DL < RSL
Toxaphene	0	0		3			0.18	**0.19**	0	0	0.44	c	N	**0.44**	N	N	No	C	Drop - No Detects and All DL < RSL
trans-1,2-Dichloroethene	0	0		24			0.05	**0.07**	0	0	150	n	N	**15**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichloroethene	0	0		27			0.011	**0.07**	0	0	2.8	c	N	**2.8**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichlorofluoromethane	0	0		24			0.05	**0.07**	0	0	790	n	N	**79**	N	N	No	C	Drop - No Detects and All DL < RSL
Vinyl chloride	0	1	1	27			0.011	**0.07**	0	4	0.06	c	N	**0.06**	N	Y	No	C	Drop - No Detects and All DL < RSL
Xylenes (unspecified)	0	0		3			0.011	**0.011**	0	0	630	n	N	**63**	N	N	No	C	Drop - No Detects and All DL < RSL
Constituents Screened Out on Basis of Essential Nutrient																			
Calcium	3	3		3	441	11500			100	100							No	E	Drop - Essential Nutrient
Magnesium	3	3		3	34.8	699			100	100							No	E	Drop - Essential Nutrient
Potassium	3	3		3	174	344			100	100							No	E	Drop - Essential Nutrient
Sodium	3	3		3	123	160			100	100							No	E	Drop - Essential Nutrient
Constituents Screened Out on Basis of Maximum Detection (and Maximum ND Value) Being Below RSL																			
4,4'-DDD	3	3		3	0.00075	**0.0016**	0.0035	**0.0037**	100	100	2	c	N	**2**	N	N		G	Drop - Max Detect and DL < RSL
Aluminum	3	3		3	1520	**2480**	9.5	**9.9**	100	100	77000	n	N	**7700**	N	N		G	Drop - Max Detect and DL < RSL
Copper	3	3		3	2.1	**21.8**	0.2099	**0.2199**	100	100	3100	n	N	**310**	N	N		G	Drop - Max Detect and DL < RSL
Iron	3	3		3	425	**2700**	1	**1.1**	100	100	55000	n	N	**5500**	N	N		G	Drop - Max Detect and DL < RSL
Manganese	3	3		3	3.5	**46.7**	0.09	**0.09**	100	100	1800	n	N	**180**	N	N		G	Drop - Max Detect and DL < RSL
Nickel	3	3		3	0.25	**2.1**	0.2099	**0.2199**	100	100	1500	n	N	**150**	N	N		G	Drop - Max Detect and DL < RSL
Vanadium	3	3		3	2	**5.7**	0.189	**0.2**	100	100	390	n	N	**39**	N	N		G	Drop - Max Detect and DL < RSL
Zinc	3	3		3	5.9	**69.2**	0.239	**0.25**	100	100	23000	n	N	**2300**	N	N		G	Drop - Max Detect and DL < RSL
4,4'-DDE	2	2		3	0.00032	**0.0018**	0.0035	**0.0035**	67	67	1.4	c	N	**1.4**	N	N		G	Drop - Max Detect and DL < RSL
4,4'-DDT	2	2		3	0.0026	**0.0036**	0.0035	**0.0035**	67	67	1.7	c	N	**1.7**	N	N		G	Drop - Max Detect and DL < RSL
Aldrin	2	2		3	0.0011	**0.0015**	0.0018	**0.0018**	67	67	0.029	c	N	**0.029**	N	N		G	Drop - Max Detect and DL < RSL
bis(2-Ethylhexyl) phthalate	2	2		3	0.021	**0.026**	0.35	**0.35**	67	67	35	c	N	**35**	N	N		G	Drop - Max Detect and DL < RSL
Cobalt	2	2		3	0.3	**0.58999**	0.10999	**0.11**	67	67	23	n	N	**2.3**	N	N		G	Drop - Max Detect and DL < RSL
Dieldrin	2	2		3	0.00093	**0.0014**	0.0035	**0.0035**	67	67	0.03	c	N	**0.03**	N	N		G	Drop - Max Detect and DL < RSL
Methoxychlor	2	2		3	0.0067	**0.014**	0.018	**0.018**	67	67	310	n	N	**31**	N	N		G	Drop - Max Detect and DL < RSL
Antimony	1	1		3	1.6	**1.6**	1.3	**1.3**	33	33	31	n	N	**3.1**	N	N		G	Drop - Max Detect and DL < RSL
Cadmium	1	1		3	0.2	**0.2**	0.11	**0.11**	33	33	70	n	N	**7**	N	N		G	Drop - Max Detect and DL < RSL
Di-n-butylphthalate	1	1		3	0.052	**0.052**	0.35	**0.35**	33	33	6100	n	N	**610**	N	N		G	Drop - Max Detect and DL < RSL
Endrin	1	1		3	0.0023	**0.0023**	0.0035	**0.0037**	33	33	18	n	N	**1.8**	N	N		G	Drop - Max Detect and DL < RSL
Heptachlor epoxide	1	1		3	0.00028	**0.00028**	0.0018	**0.0019**	33	33	0.053	c	N	**0.053**	N	N		G	Drop - Max Detect and DL < RSL
Selenium	1	1		3	1.4	**1.4**	1.1	**1.1**	33	33	390	n	N	**39**	N	N		G	Drop - Max Detect and DL < RSL
Benzo(k)fluoranthene	6	6		27	0.088	**1.47**	0.33	**0.39**	22	22	1.5	c	N	**1.5**	N	N		G	Drop - Max Detect and DL < RSL
Chrysene	4	4		27	0.041	**1.76**	0.33	**0.39**	15	15	15	c	N	**15**	N	N		G	Drop - Max Detect and DL < RSL
Pyrene	4	4		27	0.084	**2.25**	0.33	**0.39**	15	15	1700	n	N	**170**	N	N		G	Drop - Max Detect and DL < RSL
Barium	3	3		27	5.6	**24**	51.7	**65.1**	11	11	15000	n	N	**1500**	N	N		G	Drop - Max Detect and DL < RSL
Fluoranthene	3	3		27	0.11	**0.53**	0.33	**0.39**	11	11	2300	n	N	**230**	N	N		G	Drop - Max Detect and DL < RSL
1,2,4-Trimethylbenzene	1	1		24	0.09	**0.09**	0.05	**0.07**	4	4	62	n	N	**6.2**	N	N		G	Drop - Max Detect and DL < RSL
2-Methylnaphthalene	1	1		27	0.023	**0.023**	0.31	**0.39**	4	4	310	n	N	**31**	N	N		G	Drop - Max Detect and DL < RSL
Anthracene	1	1		27	0.44	**0.44**	0.31	**0.39**	4	4	17000	n	N	**1700**	N	N		G	Drop - Max Detect and DL < RSL

Table 1A
Soil Data Evaluation and COPC Identification - OTF

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL (1) (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL(2) (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Dichloromethane (Methylene chloride)	2	2		27	0.002	**0.002**	0.011	**0.07**	7	7	11	c	N	**11**	N	N		G	Drop - Max Detect and DL < RSL
Ethyl benzene	1	1		27	0.13	**0.13**	0.011	**0.07**	4	4	5.4	c	N	**5.4**	N	N		G	Drop - Max Detect and DL < RSL
Toluene	1	1		27	0.13	**0.13**	0.011	**0.07**	4	4	5000	n	N	**500**	N	N		G	Drop - Max Detect and DL < RSL

Notes:
(1) Values are November 2010 Residential RSLs (except for thallium).
(2) RSLs for non-carcinogens were adjusted to a HQ of 0.1.
(3) RSL for thallium taken from May 2009 RSL Table.
Thallium RfD subsequently withdrawn from IRIS.

Highlighted Cells Key:
Frequency Detection < 5%
Constituent without RSL - Surrogate Chemical Identified

COPC screening code :

A	Low record count <10 site wide
B	DLs above adjusted residential RSL
C	Less than 5% detection frequency including DLs above adjusted RSL
D	Parameter with N flag
E	Essential nutrient
F	Less than 5% detection frequency and no RSL
G	Max detect and max DL below adjusted residential RSL
T	Thallium was dropped from COPC list because it was not used historically at the site, has a low number of actual detects, and the RSL value was withdrawn by EPA
Y	Retain as COPC

Table 1B
COPC Screening Refinements for "B" Flagged Parameters - OTF

Parameter	CRQL Medium[1] (mg/kg)	Residential RSL [2] (mg/kg)	# of Records	# DL above CRQL	% DL above CRQL [3]	# DL above RSL	% DL above RSL [4]	# Level 4 data records	# Level 4 data DL below RSL [5]	# Excavated Sample Records	# Detects in Excavated Samples	Comments
4,6-Dinitro-2-methylphenol	10	0.49	3	0	0	3	100					Drop - <10% DL > CRQL
Aroclor-1016	0.033	0.39	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1221	0.033	0.14	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1232	0.033	0.14	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1242	0.033	0.22	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1248	0.033	0.22	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1254	0.033	0.22	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1260	0.033	0.22	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
Aroclor-1268	0.033	0.22	27	27	100	24	89	3	3	0	0	Retain as Qualitative COPC
bis(2-Chloroethyl) ether	5	0.21	3	0	0	3	100					Drop - <10% DL > CRQL
Indeno(1,2,3-cd)pyrene	5	0.15	27	0	0	27	100					Drop - <10% DL > CRQL
N-Nitroso-di-n-propylamine	5	0.069	3	0	0	3	100					Drop - <10% DL > CRQL
Pentachlorophenol	10	0.89	3	0	0	1	33					Drop - <10% DL > CRQL
Thallium [6]	2.5	0.51	3	0	0	3	100					Drop - <10% DL > CRQL

Notes:

(1) Values are the EPA Contract Laboratory Program "Medium Soil" Contract Required Quantitation Limits (CRQL).

(2) Values are November 2010 Residential RSLs; RSLs for non-carcinogens were adjusted to a HQ of 0.1.

(3) Red text indentifies constituents with 10% or less of the detection limits (DLs) exceeding the relevant Medium Soil CRQLs.

(4) Blue text identifies constituents with 5% or less of the DLs exceeding residential RSLs.

(5) Green text identifies constituents with more than 10 Level 4 data records with DLs below the residential RSL.

(6) RSL for thallium taken from May 2009 RSL Table; the RfD was subsequently withdrawn from IRIS.

Table 2A
Soil Data Evaluation and COPC Identification - Quadrant 1

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Identified as COPC																			
Aroclor-1260	7	32	25	70	0.027	**0.9**	0.0017	2.5	10	46	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1268	20	44	24	48	0.0023	**0.57**	0.0017	2.5	42	92	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Arsenic	19	40	21	40	0.27	**3.5**	1.5	4	48	100	0.39	c	Y	**0.39**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)anthracene	23	75	52	78	0.0017	**1.3**	0.00048	13	29	96	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)pyrene	23	76	53	78	0.0018	**1.3**	0.31999	13	29	97	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b)fluoranthene	15	34	19	37	0.0035	**0.69**	0.00011	0.68	41	92	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b/k)fluoranthene	9	41	32	41	0.068	**1.6**	0.35	13	22	100	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
bis(2-Ethylhexyl) phthalate	7	7	0	52	0.013	**46**	0.35	13	13	13	35	c	Y	**35**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Chromium	40	40	0	40	1.74	**17**	0.11	0.24	100	100	0.29	c	Y	**0.29**	**Y**	N	**YES**		**Retain as COPC** - Max Detect > RSL
Dibenzo(a,h)anthracene	10	62	52	77	0.00066	**0.068**	0.00009	13	13	81	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Indeno(1,2,3-cd)pyrene	20	76	56	78	0.0021	**0.24**	0.32	13	26	97	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Iron	40	40	0	40	797	**26000**	1.1	2.3	100	100	55000	n	N	**5500**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Lead	65	68	3	90	0.61	**516**	3	60	72	76	400	n	Y	**400**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Mercury	62	77	15	90	0.0289	**38**	0.11	0.63	69	86	5.6	n	Y	**0.56**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Vanadium	27	27	0	44	1.65999997	**43**	3	9	61	61	390	n	N	**39**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Constituents Where Only Non-detect Values Exceed Adjusted RSL Values - Carry Forward to Screening Refinements (See Tablet 2B)																			
Aroclor-1254	11	35	24	70	0.0035	**0.13**	0.0017	**2.5**	16	50	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Dibenzofuran	8	21	13	59	0.00046	**0.012**	0.00012	**13**	14	39	78	n	N	**7.8**	N	Y	No	B	Drop - >10 Level IV DLs < Surrogate RSL
Naphthalene	8	27	19	78	0.001	**0.89**	0.00016	**13**	10	35	3.6	c	N	**3.6**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Thallium [3]	13	40	27	40	0.012	**0.026**	0.97	**10**	33	100	5.1	n	N	**0.51**	N	Y	No	T	Drop - not used at site, withdrawn RSL
Pyridine	0	1	1	1			8.3	**8.3**	0	100	78	n	N	**7.8**	N	Y	**YES**	B, Q, A	**Retain as Qualatative COPC**
bis(2-Chloroethyl) ether	0	42	42	52			0.0019	**13**	0	81	0.21	c	N	**0.21**	N	Y	**YES**	B, Q	**Retain as Qualatative COPC**
Hexachlorobenzene	0	42	42	52			0.0012	**13**	0	81	0.3	c	N	**0.3**	N	Y	**YES**	B, Q	**Retain as Qualatative COPC**
N-Nitroso-di-n-propylamine	0	42	42	52			0.0024	**13**	0	81	0.069	c	N	**0.069**	N	Y	**YES**	B, Q	**Retain as Qualatative COPC**
Pentachlorophenol	0	25	25	52			0.02	**26**	0	48	0.89	c	N	**0.89**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
2,4-Dinitrotoluene	0	19	19	52			0.0015	**13**	0	37	1.6	c	N	**1.6**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
2-Nitroaniline	0	19	19	52			0.0032	**13**	0	37	610	n	N	**61**	N	N	No	B	Drop - <10% DL > CRQL
3,3'-Dichlorobenzidine	0	19	19	52			0.0037	**13**	0	37	1.1	c	N	**1.1**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
4,6-Dinitro-2-methylphenol	0	19	19	52			0.0014	**26**	0	37	4.9	n	N	**0.49**	N	Y	**YES**	B, Q	Retain as Qualatative COPC
4-Chloroaniline	0	19	19	52			0.0019	**13**	0	37	2.4	c	N	**2.4**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Nitrobenzene	0	19	19	52			0.0022	**13**	0	37	4.8	c	N	**4.8**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
2,4-Dinitrophenol	0	17	17	52			0.017	**26**	0	33	120	n	N	**12**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
2,6-Dinitrotoluene	0	17	17	52			0.002	**13**	0	33	61	n	N	**6.1**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
4-Nitrophenol	0	17	17	52			0.018	**26**	0	33	120	n	N	**12**	N	Y	No	B	Drop - No Detects and All DL < Surrogate RSL
Aroclor-1016	0	24	24	70			0.0017	**2.5**	0	34	3.9	n	N	**0.39**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1221	0	24	24	70			0.0017	**2.5**	0	34	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1232	0	24	24	70			0.0017	**2.5**	0	34	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1242	0	24	24	70			0.0017	**2.5**	0	34	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1248	0	24	24	70			0.0017	**2.5**	0	34	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Hexachlorobutadiene	0	17	17	55			0.00018	**13**	0	31	6.2	c	N	**6.2**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,2,3-Trichloropropane	0	1	1	20			0.00028	**0.098**	0	5	0.005	c	N	**0.005**	N	Y	**YES**	B, Q	**Retain as Qualatative COPC**
Constituents Without Identified RSL Value - Surrogate Constituents Identified by EPA																			
Phenanthrene	26	26		78	0.0017	**2.3**	0.32	**13**	33	33	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Benzo(g,h,i)perylene	21	21		78	0.0031	**0.49**	0.32	**13**	27	27	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
alpha-Chlordane	7	7		36	0.00018	**0.0011**	0.0001	**0.007**	19	19	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
p-Isopropyltoluene	11	11		30	0.0014	**0.42**	0.00008	**0.06**	37	37	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
sec-Butylbenzene	2	2		30	0.1	**0.69**	0.00006	**0.06**	7	7	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Acenaphthylene	8	8		78	0.00016	**0.034**	0.00007	**13**	10	10	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
gamma-Chlordane	8	8		36	0.00017	**0.0018**	0.00009	**0.008**	22	22	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
n-Butylbenzene	1	1		30	0.25999	**0.26**	0.00009	**0.06**	3	3	5.4	c	N	**5.4**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
n-Propylbenzene	1	1		30	0.33	**0.33**	0.00006	**0.06**	3	3	5.4	c	N	**5.4**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
delta-BHC	1	1		36	0.00035	**0.00035**	0.00007	**0.0022**	3	3	0.077	c	N	**0.077**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan I	1	1		36	0.00055	**0.00055**	0.00006	**0.0022**	3	3	370	n	N	**37**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan sulfate	2	2		36	0.00019	**0.023**	0.00064	**0.00419**	6	6	370	n	N	**37**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endrin aldehyde	3	3		36	0.00063	**0.031**	0.00069	**0.009**	8	8	18	n	N	**1.8**	N	N	No	C	Drop - Max Detect and DL < Surrogate RSL
3-Nitroaniline	0	19	19	52			0.0025	**13**	0	37	610	n	N	**61**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2-Nitrophenol	0	1	1	52			0.0015	**13**	0	2	120	n	N	**120**	N	N	No	C	Drop - Max Detect and 5% DL< Surrogate RSL
1,1-Dichloropropene	0	0		20			0.00016	**0.098**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
1,3-Dichlorobenzene	0	0		60			0.00007	**0.42**	0	0	1900	n	N	**190**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2,2-Dichloropropane	0	0		20			0.00011	**0.098**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL

Table 2A
Soil Data Evaluation and COPC Identification - Quadrant 1

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL [(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
3/4-Methylphenol	0	0		41			0.35	**13**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
4-Chlorophenyl-phenylether	0	0		52			0.0014	**13**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Bromochloromethane	0	0		20			0.00015	**0.098**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
cis-1,3-Dichloropropene	0	0		60			0.00003	**0.098**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endosulfan II	0	0		36			0.00014	**0.008**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endrin ketone	0	0		36			0.00009	**0.03**	0	0	18	n	N	**1.8**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
tert-Butylbenzene	1	1		30	0.0064	0.0064	0.00005	**0.06**	3	3	2100	n	N	**210**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
trans-1,3-Dichloropropene	0	0		60			0.00011	**0.098**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Constituents Screened Out on Basis of Low # Records																			
Methylethylindene Bicyclooctane	1	1		1	9	9			100	100							No	A	Drop - No RSL and less than 10 records sitewide
Octahydrotrimethylmethylethylphenanthrenol	1	1		1	0.3	0.3			100	100							No	A	Drop - No RSL and less than 10 records sitewide
Titanium	4	4		4	78	180			100	100							No	A	Drop - No RSL and less than 10 records sitewide
Tellurium	0	0		4			5	5	0	0							No	A	Drop - No RSL and less than 10 records sitewide
Ytterium	0	0		4			1	1	0	0							No	A	Drop - No RSL and less than 10 records sitewide
Constituents Screened Out on Basis of Low Frequency of Detection																			
Endrin	1	1		36	0.041	**0.041**	0.00009	**0.009**	3	3	18	n	N	**1.8**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Methoxychlor	1	1		36	0.078	**0.078**	0.00069	**0.022**	3	3	310	n	N	**31**	N	N	No	C	Drop - <5% Detects and All DL < RSL
o-Xylene	1	1		37	0.00041	**0.00041**	0.00006	**0.098**	3	3	3800	n	N	**380**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Silver	7	7		40	0.008	**0.081**	0.004	**1**	18	18	390	n	N	**39**	N	N	No	C	Drop - <5% Detects and All DL < RSL
2-Butanone (MEK)	2	2		43	0.012	**0.017**	0.0018	**0.98**	5	5	28000	n	N	**2800**	N	N	No	C	Drop - <5% Detects and All DL < RSL
4-Methyl-2-pentanone	1	1		43	0.019	**0.019**	0.00026	**0.25**	2	2	5300	n	N	**530**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Carbazole	1	1		42	0.047	**0.047**	0.35	**13**	2	2							No	F	Drop - <5% Detects and No RSL
Vinyl chloride	0	2	2	60			0.00006	**0.098**	0	3	0.06	c	N	**0.06**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
1,1,1,2-Tetrachloroethane	0	0		15			0.0002	**0.088**	0	0	1.9	c	N	**1.9**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,1-Trichloroethane	0	0		60			0.00016	**0.098**	0	0	8700	n	N	**870**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,2,2-Tetrachloroethane	0	0		60			0.00009	**0.098**	0	0	0.56	c	N	**0.56**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,2-Trichloroethane	0	0		60			0.00009	**0.098**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethane	0	0		60			0.00005	**0.098**	0	0	3.3	c	N	**3.3**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethene	0	0		60			0.00007	**0.098**	0	0	240	n	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dibromo-3-chloropropane	0	0		13			0.00067	**0.0011**	0	0	0.0054	c	N	**0.0054**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dibromoethane	0	0		13			0.0002	**0.00026**	0	0	0.034	c	N	**0.034**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichlorobenzene	0	0		60			0.00006	**0.42**	0	0	1900	n	N	**190**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichloroethane	0	0		60			0.00005	**0.098**	0	0	0.43	c	N	**0.43**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichloropropane	0	0		60			0.00006	**0.098**	0	0	0.89	c	N	**0.89**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,3-Trichlorobenzene	0	0		13			0.00015	**0.00019**	0	0	49	n	N	**4.9**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,4-Trichlorobenzene	0	0		55			0.00024	**13**	0	0	22	c	N	**22**	N	N	No	B	Drop - No Detects and All DL < RSL
1,3-Dichloropropane	0	0		20			0.00006	**0.098**	0	0	1600	c	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
1,4-Dichlorobenzene	0	0		60			0.00011	**0.42**	0	0	2.4	c	N	**2.4**	N	N	No	C	Drop - No Detects and All DL < RSL
2,2'-Chloroisopropylether	0	0		41			0.35	**13.0**	0	0							No	F	Drop - No Detects and No RSL
2,2'-Oxybis(1-Chloropropane)	0	0		11			0.0026	**0.35**	0	0							No	F	Drop - No Detects and No RSL
2,3,4,6-Tetrachlorophenol	0	0		19			5.9	**13**	0	0	1800	n	N	**180**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,5-Trichlorophenol	0	0		52			0.0015	**13**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,6-Trichlorophenol	0	0		52			0.35	**13**	0	0	44	c	N	**44**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dichlorophenol	0	0		52			0.001	**13**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dimethylphenol	0	0		52			0.0055	**13**	0	0	1200	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chloroethyl vinyl ether	0	0		17			0.05	**0.05999**	0	0				**0**			No	F	Drop - No Detects and No RSL
2-Chloronaphthalene	0	0		52			0.0016	**13**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorophenol	0	0		52			0.002	**13**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorotoluene	0	0		20			0.00005	**0.098**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Hexanone	0	0		43			0.00083	**0.25**	0	0	210	n	N	**21**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Methylphenol	1	1		52	0.0055	0.0055	0.35	**13**	2	2	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < RSL
4,4'-DDD	1	1		36	0.00016	0.00016	0.00011	**0.00419**	3	3	2	c	N	**2**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Bromophenyl-phenylether	0	0		52			0.0016	**13**	0	0							No	F	Drop - No Detects and No RSL
4-Chlorotoluene	0	0		20			0.00009	**0.098**	0	0	5500	n	N	**550**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Chloro-3-methylphenol	0	0		52			0.0014	**13**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methylphenol	1	1		11	0.011	0.011	0.0014	**0.35**	9	9	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Nitroaniline	0	0		52			0.0018	**13**	0	0	24	c	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
Aldrin	0	0		36			0.00016	**0.0022**	0	0	0.029	c	N	**0.029**	N	N	No	C	Drop - No Detects and All DL < RSL
alpha-BHC	0	0		36			0.00011	**0.004**	0	0	0.077	c	N	**0.077**	N	N	No	C	Drop - No Detects and All DL < RSL
Aroclor-1262	0	0		13			0.00209	**0.013**	0	0	0.22	c	N	**0.22**	N	N	No	C	Drop - No Detects and All DL < RSL
Benzene	0	0		60			0.00015	**0.098**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
beta-BHC	0	0		36			0.00018	**0.0022**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < RSL

Table 2A
Soil Data Evaluation and COPC Identification - Quadrant 1

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
bis(2-Chloroethoxy) methane	0	0		52			0.0015	**13.0**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromobenzene	0	0		20			0.00009	**0.098**	0	0	300	n	N	**30**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromodichloromethane	0	0		60			0.00004	**0.098**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromoform	0	0		60			0.00027	**0.098**	0	0	61	c	N	**61**	N	N	No	C	Drop - No Detects and All DL < RSL
Butylbenzylphthalate	2	2		52	0.0059	0.033	0.0032	**13**	4	4	260	c	N	**260**	N	N	No	C	Drop - No Detects and All DL < RSL
Carbon disulfide	2	2		43	0.00079	0.00084	0.00005	**0.25**	5	5	820	n	N	**82**	N	N	No	C	Drop - No Detects and All DL < RSL
Carbon tetrachloride	0	0		60			0.00008	**0.098**	0	0	0.61	c	N	**0.61**	N	N	No	C	Drop - No Detects and All DL < RSL
Chlorobenzene	0	0		60			0.00005	**0.098**	0	0	290	n	N	**29**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroethane	0	0		60			0.00032	**0.098**	0	0	15000	n	N	**1500**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroform	1	1		60	0.00096	0.00096	0.00005	**0.098**	2	2	0.29	c	N	**0.29**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloromethane	0	0		60			0.00006	**0.098**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < RSL
cis/trans1,2-Dichloroethene	0	0		23			0.01	**0.013**	0	0	700	n	N	**70**	N	N	No	C	Drop - No Detects and All DL < RSL
cis-1,2-Dichloroethene	0	0		37			0.00008	**0.098**	0	0	160	n	N	**16**	N	N	No	C	Drop - No Detects and All DL < RSL
Cyanide	0	0		1			0.03999	**0.04**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
Cyclohexanone	0	0		1			8.3	**8.3**	0	0	310000	n	N	**31000**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromochloromethane	0	0		60			0.00017	**0.098**	0	0	0.68	c	N	**0.68**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromomethane	0	0		20			0.0002	**0.098**	0	0	25	n	N	**2.5**	N	N	No	C	Drop - No Detects and All DL < RSL
Dichlorodifluoromethane	0	0		30			0.00007	**0.06**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Dieldrin	0	0		36			0.00014	**0.00419**	0	0	0.03	c	N	**0.03**	N	N	No	C	Drop - No Detects and All DL < RSL
Diethylphthalate	1	1		52	0.0084	0.0084	0.0013	**13**	2	2	49000	n	N	**4900**	N	N	No	C	Drop - No Detects and All DL < RSL
Dimethylphthalate	4	4		52	0.0056	0.033	0.001	**13**	8	8							No	F	Drop - No Detects and No RSL
Di-n-octylphthalate	0	0		52			0.0017	**13**	0	0							No	F	Drop - No Detects and No RSL
Ethyl benzene	0	0		60			0.00004	**0.098**	0	0	5.4	c	N	**5.4**	N	N	No	C	Drop - No Detects and All DL < RSL
gamma-BHC (Lindane)	1	1		36	0.0001	0.0001	8.00E-05	**0.0022**	3	3	0.52	c	N	**0.52**	N	N	No	C	Drop - No Detects and All DL < RSL
Heptachlor	2	2		36	0.00033	0.0011	0.00012	**0.005**	6	6	0.11	c	N	**0.11**	N	N	No	C	Drop - No Detects and All DL < RSL
Heptachlor epoxide	1	1		36	0.00018	0.00018	8.40E-05	**0.003**	3	3	0.053	c	N	**0.053**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachlorocyclopentadiene	0	0		52			0.029	**13**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachloroethane	0	0		52			0.0031	**13**	0	0	35	c	N	**35**	N	N	No	C	Drop - No Detects and All DL < RSL
Isophorone	0	0		52			0.001	**13**	0	0	510	c	N	**510**	N	N	No	C	Drop - No Detects and All DL < RSL
Molybdenum	0	0		4			1	**1**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
N-Nitrosodiphenylamine/Diphenylamine	0	0		52			0.0016	**13**	0	0	99	c	N	**99**	N	N	No	C	Drop - No Detects and All DL < RSL
Phenol	3	3		52	0.0023	0.35000002	0.002	**13**	6	6	18000	n	N	**1800**	N	N	No	C	Drop - No Detects and All DL < RSL
Styrene	0	0		60			0.00008	**0.098**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
Tetrachloroethene	0	0		60			0.00013	**0.098**	0	0	2.80	c	N	**2.8**	N	N	No	C	Drop - No Detects and All DL < RSL
Tin	0	0		4			2.5	**2.5**	0	0	47000	n	N	**4700**	N	N	No	C	Drop - No Detects and All DL < RSL
Toxaphene	0	0		36			0.0048	**0.22**	0	0	0.44	c	N	**0.44**	N	N	No	C	Drop - No Detects and All DL < RSL
trans-1,2-Dichloroethene	0	0		37			0.00005	**0.098**	0	0	110	n	N	**11**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichloroethene	0	0		60			0.00014	**0.098**	0	0	790	n	N	**79**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichlorofluoromethane	0	0		37			0.00005	**0.098**	0	0	800	n	N	**80**	N	N	No	C	Drop - No Detects and All DL < RSL
Xylenes (unspecified)	0	0		30			0.01	**0.098**	0	0	630	n	N	**63**	N	N	No	C	Drop - No Detects and All DL < RSL
Constituents Screened Out on Basis of N-flag (Tentatively Identified Compound)																			
Benzopyrene (not A)	3	3		3	0.2	0.3			100	100							No	D	Drop - TIC
Decahydromethylnaphthalene	1	1		1	30	30			100	100							No	D	Drop - TIC
Diethylmethylbenzamide (unspecified)	1	1		1	0.1	0.1			100	100							No	D	Drop - TIC
Dihydropentamethylindene (unspecified)	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Dihydrotrimethylindene	3	3		3	0.1	3			100	100							No	D	Drop - TIC
Dimethylnaphthalene (unspecified)	1	1		1	0.4	0.4			100	100							No	D	Drop - TIC
Dimethylphenanthrene (unspecified)	1	1		1	0.1	0.1			100	100							No	D	Drop - TIC
Dodecyltetradecahydrophenanthrene	1	1		1	30	30			100	100							No	D	Drop - TIC
Hexadecanoic Acid	7	7		7	0.09	0.6			100	100							No	D	Drop - TIC
Methylbenzanthracene (unspecified)	1	1		1	0.1	0.1			100	100							No	D	Drop - TIC
Methylphenanthrene (unspecified)	1	1		1	0.09	0.09			100	100							No	D	Drop - TIC
Methylpyrene (unspecified)	1	1		1	0.1	0.1			100	100							No	D	Drop - TIC
Octadecanoic Acid	1	1		1	0.8	0.8			100	100							No	D	Drop - TIC

Table 2A
Soil Data Evaluation and COPC Identification - Quadrant 1

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL [2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Octadecenoic Acid (unspecified)	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Octahydrohexamethylindene	3	3		3	30	400.00003			100	100							No	D	Drop - TIC
Pinene (unspecified)	1	1		1	0.3	0.3			100	100							No	D	Drop - TIC
Tetramethylbutylphenol (unspecified)	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Tetramethylphenanthrene (unspecified)	4	4		4	0.1	0.3			100	100							No	D	Drop - TIC
Constituents Screened Out on Basis of Essential Nutrient																			
Calcium	34	34		40	43.6	11000	50	210	85	85							No	E	Drop - Essential Nutrient
Magnesium	32	32		40	51.6	3900	20	170	80	80							No	E	Drop - Essential Nutrient
Potassium	31	31		40	25	400	21	200	78	78							No	E	Drop - Essential Nutrient
Sodium	31	31		40	5.9	1100	19	21	78	78							No	E	Drop - Essential Nutrient
Constituents Screened Out on Basis of Maximum Detection (and Maximum ND Value) Being Below RSL																			
1,2,4-Trimethylbenzene	1	1		30	0.12999	**0.12999**	0.00009	**0.06**	3	3	62	n	N	**6.2**	N	N	No	G	Drop - Max Detect and DL < RSL
1,3,5-Trimethylbenzene	2	2		30	0.014	**0.34**	0.00004	**0.06**	7	7	780	n	N	**78**	N	N	No	G	Drop - Max Detect and DL < RSL
1-Methyl Naphthalene	1	1		20	0.1	**0.1**	0.32	**0.68**	5	5	22	c	N	**22**	N	N	No	G	Drop - Max Detect and DL < RSL
2-Methylnaphthalene	16	16		78	0.002	**0.2**	0.32	**13**	21	21	310	n	N	**31**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDE	12	12		36	0.00016	**0.086**	0.00064	**0.005**	33	33	1.4	c	N	**1.4**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDT	16	16		36	0.0002	**0.11**	0.0013	**0.007**	44	44	1.7	c	N	**1.7**	N	N	No	G	Drop - Max Detect and DL < RSL
Acenaphthene	8	8		78	0.00017	**0.61**	0.00009	**13**	10	10	3400	n	N	**340**	N	N	No	G	Drop - Max Detect and DL < RSL
Acetone	13	13		43	0.0087	**0.59000003**	0.0031	**0.98**	30	30	61000	n	N	**6100**	N	N	No	G	Drop - Max Detect and DL < RSL
Aluminum	40	40		40	1720	**7400**			100	100	77000	n	N	**7700**	N	N	No	G	Drop - Max Detect and DL < RSL
Anthracene	20	20		78	0.0013	**2.4**	0.32	**13**	26	26	17000	n	N	**1700**	N	N	No	G	Drop - Max Detect and DL < RSL
Antimony	14	14		44	0.013	**0.13199**	0.006	**3**	32	32	31	n	N	**3.1**	N	N	No	G	Drop - Max Detect and DL < RSL
Barium	41	41		60	1.69	**41**	53.1	**62.5**	68	68	15000	n	N	**1500**	N	N	No	G	Drop - Max Detect and DL < RSL
Benzo(k)fluoranthene	13	13		37	0.001	**0.65**	0.00009	**0.68**	35	35	1.5	c	N	**1.5**	N	N	No	G	Drop - Max Detect and DL < RSL
Beryllium	13	13		40	0.025	**0.093**	0.002	**1**	33	33	160	n	N	**16**	N	N	No	G	Drop - Max Detect and DL < RSL
Bromomethane	4	4		60	0.07	**0.13**	0.00045	**0.098**	7	7	7.3	n	N	**0.73**	N	N	No	G	Drop - Max Detect and DL < RSL
Cadmium	13	13		40	0.005	**0.15800001**	0.002	**0.5**	33	33	70	n	N	**7**	N	N	No	G	Drop - Max Detect and DL < RSL
Chrysene	26	26		78	0.0024	**0.89**	0.00025	**13**	33	33	15	c	N	**15**	N	N	No	G	Drop - Max Detect and DL < RSL
Cobalt	15	15		40	0.09799	**6.68**	0.42	**2**	38	38	23	n	N	**2.3**	Y	N	No	G	Drop - Max Detect and DL < RSL
Copper	28	28		44	0.36	**43**	0.64	**6**	64	64	3100	n	N	**310**	N	N	No	G	Drop - Max Detect and DL < RSL
Dichloromethane (Methylene chloride)	19	19		60	0.00048	**0.018**	0.00016	**0.098**	32	32	11	c	N	**11**	N	N	No	G	Drop - Max Detect and DL < RSL
Di-n-butylphthalate	3	3		51	0.0086	**0.4**	0.35	**13**	6	6	6100	n	N	**610**	N	N	No	G	Drop - Max Detect and DL < RSL
Fluoranthene	25	25		78	0.0015	**3.1**	0.32	**13**	32	32	2300	n	N	**230**	N	N	No	G	Drop - Max Detect and DL < RSL
Fluorene	8	8		78	0.00018	**0.0061**	0.00008	**13**	10	10	2300	n	N	**230**	N	N	No	G	Drop - Max Detect and DL < RSL
Isopropylbenzene	2	2		30	0.00078	**0.06**	0.00003	**0.06**	7	7	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < RSL
m&p-Xylene	9	9		30	0.00038	**0.00097**	0.00009	**0.06**	30	30	3400	n	N	**340**	N	N	No	G	Drop - Max Detect and DL < RSL
Manganese	40	40		40	3.51	**140**			100	100	1800	n	N	**180**	N	N	No	G	Drop - Max Detect and DL < RSL
Methyl mercury	9	9		9	0.00007	**0.00149**			100	100	7.8	n	N	**0.78**	N	N	No	G	Drop - Max Detect and DL < RSL
Nickel	20	20		44	0.67000002	**5.44**	2	**20**	45	45	1500	n	N	**150**	N	N	No	G	Drop - Max Detect and DL < RSL
Pyrene	31	31		78	0.0051	**2.4**	0.32	**13**	40	40	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < RSL
Selenium	2	2		40	1.5	**1.7**	0.4	**4**	5	5	390	n	N	**39**	N	N	No	G	Drop - Max Detect and DL < RSL
Toluene	35	35		60	0.00016	**0.07**	0.01	**0.098**	58	50	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < RSL
Strontium	4	4		4	3.6	**24**			100	100	47000	n	N	**4700**	N	N	No	G,A	Drop - Max Detect and DL < RSL
Zinc	25	25		44	1.79999995	**87**	0.0015	**40**	57	57	23000	n	N	**2300**	N	N	No	G	Drop - Max Detect and DL < RSL

Notes:
(1) Values are November 2010 Residential RSLs (except for thallium).
(2) RSLs for non-carcinogens were adjusted to a HQ of 0.1.
(3) RSL for thallium taken from May 2009 RSL Table.
Thallium RfD subsequently withdrawn from IRIS.

Highlighted Cells Key:
Frequency Detection < 5%
Constituent without RSL - Surrogate Chemical Identified

COPC screening code (from HHBRA):
A Low record count <10 site wide
B DLs above adjusted residential RSL
C Less than 5% detection frequency including DLs above adjusted RSL
D Parameter with N flag
E Essential nutrient
F Less than 5% detection frequency and no RSL
G Max detect and max DL below adjusted residential RSL
T Thallium was dropped from COPC list because it was not used historically at the site, has a low number of actual detects, and the RSL value was withdrawn by EPA
Y Retain as COPC

Table 2B

COPC Screening Refinements for "B" Flagged parameters - Quadrant 1

Parameter	CRQL Medium[1] (mg/kg)	Residential RSL [2] (mg/kg)	# of Records	# DL above CRQL	% DL above CRQL [3]	# DL above RSL	% DL above RSL [4]	# Level 4 Data Records	# Level 4 Data DL below RSL [5]	# Excavated Sample Records	# Detects in Excavated Samples	Comments
1,2,3-Trichloropropane	0.25	0.005	10	0	0	7	70	10	3			Drop - <10% DL > CRQL
2-Nitroaniline	10	61	42	1	2	0	0					Drop - <10% DL > CRQL
2,4-Dinitrophenol	10	12	42	19	45	17	40	42	25			Drop - >10 Level IV DLs < RSL
2,4-Dinitrotoluene	5	1.6	42	19	45	19	45	42	23			Drop - >10 Level IV DLs < RSL
2,6-Dinitrotoluene	5	6.1	52	19	37	17	33	52	35			Drop - >10 Level IV DLs < RSL
3,3'-Dichlorobenzidine	5	1.1	52	19	37	19	37	52	33			Drop - >10 Level IV DLs < RSL
4-Chloroaniline	5	2.4	52	19	37	19	37	52	33			Drop - >10 Level IV DLs < RSL
4-Nitrophenol	5	12	52	19	37	17	33	52	33	0	0	Retain as Qualatative COPC
4,6-Dinitro-2-methylphenol	10	0.49	52	19	37	42	81	52	10	0	0	Retain as Qualatative COPC
Aroclor-1016	0.033	0.39	70	48	69	24	34	46	46			Drop - >10 Level IV DLs < RSL
Aroclor-1221	0.033	0.14	70	48	69	24	34	46	46			Drop - >10 Level IV DLs < RSL
Aroclor-1232	0.033	0.14	70	48	69	24	34	46	46			Drop - >10 Level IV DLs < RSL
Aroclor-1242	0.033	0.22	70	48	69	24	34	46	46			Drop - >10 Level IV DLs < RSL
Aroclor-1248	0.033	0.22	70	48	69	24	34	46	46			Drop - >10 Level IV DLs < RSL
Aroclor-1254	0.033	0.22	70	45	64	24	34	46	46			Drop - >10 Level IV DLs < RSL
bis(2-Chloroethyl) ether	5	0.21	52	19	37	42	81	52	10	0	0	Retain as Qualatative COPC
Dibenzofuran	5	7.8	59	19	49	13	29	59	46			Drop - >10 Level IV DLs < RSL
Hexachlorobenzene	5	0.3	52	19	37	42	81	52	10	0	0	Retain as Qualatative COPC
Hexachlorobutadiene	5	6.2	55	19	35	17	31	55	38			Drop - >10 Level IV DLs < RSL
Naphthalene	5	3.6	78	19	24	19	24	59	40			Drop - >10 Level IV DLs < RSL
Nitrobenzene	5	4.8	52	19	37	19	37	52	33			Drop - >10 Level IV DLs < RSL
N-Nitroso-di-n-propylamine	5	0.069	52	19	37	42	81	52	10	0	0	Retain as Qualatative COPC
Pentachlorophenol	10	0.89	52	19	37	25	48	52	27			Drop - >10 Level IV DLs < RSL
Pyridine	NV	7.8	1	--	--	1	100	1	0	0	0	Retain as Qualatative COPC
Thallium [6]	2.5	0.51	40	5	13	27	68	40	14			Drop - not used at site

Notes:

(1) Values are the current EPA Contract Laboratory Program "Medium Soil" Contract Required Quantitation Limits (CRQL).

(2) Values are November 2010 Residential RSLs; RSLs for non-carcinogens were adjusted to a HQ of 0.1.

(3) Red text indentifies constituents with 10% or less of the detection limits (DLs) exceeding the relevant Medium Soil CRQLs.

(4) Blue text identifies constituents with 5% or less of the DLs exceeding residential RSLs.

(5) Green text identifies constituents with more than 10 Level 4 data records with DLs below the residential RSL.

(6) RSL for thallium taken from May 2009 RSL Table; the RfD was subsequently withdrawn from IRIS.

Table 3A
Soil Data Evaluation and COPC Identification - Quadrant 2

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Identified as COPC																			
Arsenic	3	20	17	20	0.23	**3.3**	1.1	2	15	100	0.39	c	Y	**0.39**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1221	1	16	15	60	0.27	**0.27**	0.0017	2.67	2	27	0.14	c	Y	**0.14**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1254	19	33	14	60	0.013	**11**	0.0017	2.67	32	55	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1260	2	16	14	60	1.2	**1.4**	0.0017	2.67	3	27	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1268	30	41	11	44	0.014	**19**	0.038	2.67	68	93	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)anthracene	8	35	27	35	0.0058	**0.86**	0.33	0.41	23	100	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)pyrene	8	35	27	35	0.0069	**0.96**	0.33	0.41	23	100	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b)fluoranthene	3	17	14	17	0.012	**0.37**	0.33	0.4	18	100	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b/k)fluoranthene	6	18	12	18	0.055	**0.72**	0.38	0.41	33	100	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Carbazole	1	1		19	0.046	**0.046**	0.37	0.41	5	5							**YES**	Y	**Retain as COPC** - >5% Detect and no RSL
Chromium	20	20	0	20	1.3	**12.7**	0.12	0.23	100	100	0.29	c	Y	**0.29**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Dibenzo(a,h)anthracene	6	35	29	35	0.0017	**0.26**	0.33	0.41	17	100	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Indeno(1,2,3-cd)pyrene	7	35	28	35	0.0072	**0.54**	0.33	0.41	20	100	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Iron	20	20	0	20	217	**14400**	1.2	2.3	100	100	55000	n	N	**5500**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Mercury	27	38	11	46	0.105	**17.5**	0.12	0.67	59	83	5.6	n	Y	**0.56**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Constituents Where Only Non-detect Values Exceed Adjusted RSL Values - Carry Forward to Screening Refinements (See Table 3B)																			
Thallium [3]	3	21	18	20	0.01499	**0.5**	1.6	**1.8**	15	105	5.1	n	N	**0.51**	N	Y	No	B, T	Drop - <10% DL > CRQL
4,6-Dinitro-2-methylphenol	0	19	19	19			0.89	**1**	0	100	4.9	n	N	**0.49**	N	Y	No	B	Drop - <10% DL > CRQL
bis(2-Chloroethyl) ether	0	19	19	19			0.37	**0.41**	0	100	0.21	c	N	**0.21**	N	Y	No	B	Drop - <10% DL > CRQL
Hexachlorobenzene	0	19	19	19			0.37	**0.41**	0	100	0.3	c	N	**0.3**	N	Y	No	B	Drop - <10% DL > CRQL
N-Nitroso-di-n-propylamine	0	19	19	19			0.37	**0.41**	0	100	0.069	c	N	**0.069**	N	Y	No	B	Drop - <10% DL > CRQL
Aroclor-1232	0	15	15	60			0.0017	**2.67**	0	25	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1242	0	14	14	60			0.0017	**2.67**	0	23	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1248	0	14	14	60			0.0017	**2.67**	0	23	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1016	0	13	13	60			0.0017	**2.67**	0	22	3.9	n	N	**0.39**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Toxaphene	0	2	2	21			0.19	**14**	0	10	0.44	c	N	**0.44**	N	Y	No	B	Drop - <10% DL > CRQL
Vinyl chloride	0	2	2	34			0.00006	**0.07**	0	6	0.06	c	N	**0.06**	N	Y	No	B	Drop - <10% DL > CRQL
Aldrin	0	1	1	21			0.00016	**0.037**	0	5	0.029	c	N	**0.029**	N	Y	No	B	Drop - <10% DL > CRQL
Dieldrin	0	1	1	21			0.0037	**0.12**	0	5	0.03	c	N	**0.03**	N	Y	No	B	Drop - <5% DL > RSL
2,4-Dinitrotoluene	0	0	0	19			0.37	**0.41**	0	0	1.6	c	N	**1.6**	N	N	No	B	Drop - <10% DL > CRQL
Pentachlorophenol	0	18	18	19			0.89	**1**	0	95	0.89	c	N	**0.89**	N	Y	No	B	Drop - <10% DL > CRQL
Constituents Without Identified RSL Value - Surrogate Constituents Identified by EPA																			
Phenanthrene	9	9		35	0.0092	**0.46**	0.33	**0.41**	26	26	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Benzo(g,h,i)perylene	8	8		35	0.0069	**1.6**	0.33	**0.41**	23	23	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Dibenzofuran	4	4		22	0.00053	**0.052**	0.37	**0.41**	18	18	78	n	N	**7.8**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Acenaphthylene	3	3		35	0.00012	**0.011**	0.33	**0.41**	9	9	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
n-Propylbenzene	1	1		15	0.0043	**0.0043**	0.00006	**0.07**	7	7	5.4	c	N	**5.4**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
p-Isopropyltoluene	1	1		15	0.0012	**0.0012**	0.00008	**0.07**	7	7	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
sec-Butylbenzene	1	1		15	0.00026	**0.00026**	0.00007	**0.07**	7	7	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
gamma-Chlordane	1	1		21	0.029	**0.029**	0.0019	**0.14**	5	5	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
1,1-Dichloropropene	0	0		2			0.00017	**0.00018**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
1,3-Dichlorobenzene	0	0		34			0.00007	**0.41**	0	0	1900	n	N	**190**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2,2-Dichloropropane	0	0		2			0.00011	**0.00012**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2-Nitrophenol	0	0		19			0.37	**0.41**	0	0	120	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
3-Nitroaniline	0	0		19			0.89	**1**	0	0	610	n	N	**61**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
3/4-Methylphenol	0	0		18			0.37	**0.41**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
4-Chlorophenyl-phenylether	0	0		19			0.37	**0.41**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
4-Nitrophenol	0	0		19			0.89	**1**	0	0	120	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
alpha-Chlordane	0	0		21			0.0019	**0.037**	0	0	1.6	c	N	**1.6**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Bromochloromethane	0	0		2			0.00027	**0.0003**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
cis-1,3-Dichloropropene	0	0		34			0.00003	**0.07**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
delta-BHC	0	0		21			0.00059	**0.0037**	0	0	0.077	c	N	**0.077**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endosulfan I	0	0		21			0.0019	**0.037**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endosulfan II	0	0		21			0.0037	**0.039**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endosulfan sulfate	0	0		21			0.00059	**0.03**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL

Table 3A
Soil Data Evaluation and COPC Identification - Quadrant 2

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL [2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Endrin aldehyde	0	0		21			0.0037	**0.056**	0	0	18	n	N	**1.8**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endrin ketone	0	0		21			0.0037	**0.32**	0	0	18	n	N	**1.8**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
n-Butylbenzene	0	0		15			0.00009	**0.07**	0	0	**5.4**	c	N	**5.4**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
tert-Butylbenzene	0	0		15			0.00005	**0.07**	0	0	2100	n	N	**210**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
trans-1,3-Dichloropropene	0	0		34			0.00011	**0.07**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Constituents Screened Out on Basis of Low # Records																			
Hexadecenoic Acid	3	3		3	0.3	2			100	100								A	Drop - No RSL and less than 10 records sitewide
Constituents Screened Out on Basis of Low Frequency of Detection																			
2-Hexanone	1	1		21	0.15	**0.15**	0.00083	**0.012**	5	4.8	210	n	N	**21**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Benzene	1	1		34	0.012	**0.012**	0.00016	**0.07**	3	3	1.1	c	N	**1.1**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Dichloromethane (Methylene chloride)	1	1		34	0.006	**0.006**	0.00016	**0.07**	3	3	11	c	N	**11**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Ethyl benzene	1	1		34	0.0078	**0.0078**	0.00004	**0.07**	3	3	5.4	c	N	**5.4**	N	N	No	C	Drop - <5% Detects and All DL < RSL
1,1,1,2-Tetrachloroethane	0	0		2			0.0002	**0.00022**	0	0	1.9	c	N	**1.9**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,1-Trichloroethane	0	0		34			0.00017	**0.07**	0	0	8700	n	N	**870**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,2,2-Tetrachloroethane	0	0		34			0.00009	**0.07**	0	0	0.56	c	N	**0.56**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,2-Trichloroethane	0	0		34			0.00009	**0.07**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethane	0	0		34			0.00005	**0.07**	0	0	3.3	c	N	**3.3**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethene	0	0		34			0.00007	**0.07**	0	0	240	n	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,3-Trichlorobenzene	0	0		2			0.00016	**0.00017**	0	0	49	n	N	**4.9**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,3-Trichloropropane	0	0		2			0.00028	**0.00033**	0	0	0.005	c	N	**0.005**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,4-Trichlorobenzene	0	0		21			0.00024	**0.41**	0	0	22	c	N	**22**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dibromo-3-chloropropane	0	0		2			0.00083	**0.00093**	0	0	0.0054	c	N	**0.0054**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dibromoethane	0	0		2			0.0002	**0.00023**	0	0	0.034	c	N	**0.034**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichlorobenzene	0	0		34			0.00006	**0.41**	0	0	1900	n	N	**190**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichloroethane	0	0		34			0.00005	**0.07**	0	0	0.43	c	N	**0.43**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2-Dichloropropane	0	0		34			0.00007	**0.07**	0	0	0.89	c	N	**0.89**	N	N	No	C	Drop - No Detects and All DL < RSL
1,3-Dichloropropane	0	0		2			0.00006	**0.00007**	0	0	1600	c	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
1,4-Dichlorobenzene	0	0		34			0.00011	**0.41**	0	0	2.4	c	N	**2.4**	N	N	No	C	Drop - No Detects and All DL < RSL
1-Methyl Naphthalene	0	0		13			0.33	**0.4**	0	0	22	c	N	**22**	N	N	No	C	Drop - <5% Detects and All DL < RSL
2,2'-Chloroisopropylether	0	0		18			0.37	**0.41**	0	0							No	F	Drop - No Detects and No RSL
2,2'-Oxybis(1-Chloropropane)	0	0		1			0.39	**0.39**	0	0							No	F	Drop - No Detects and No RSL
2,4,5-Trichlorophenol	0	0		19			0.89	**1**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,6-Trichlorophenol	0	0		19			0.37	**0.41**	0	0	44	c	N	**44**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dichlorophenol	0	0		19			0.37	**0.41**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dimethylphenol	0	0		19			0.37	**0.41**	0	0	1200	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dinitrophenol	0	0		19			0.89	**1**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < RSL
2,6-Dinitrotoluene	0	0		19			0.37	**0.41**	0	0	61	n	N	**6.1**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chloroethyl vinyl ether	0	0		13			0.05999	**0.07**	0	0							No	F	Drop - No Detects and No RSL
2-Chloronaphthalene	0	0		19			0.37	**0.41**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorophenol	0	0		19			0.37	**0.41**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorotoluene	0	0		2			0.00005	**0.00006**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Methylphenol	0	0		19			0.37	**0.41**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Nitroaniline	0	0		19			0.89	**1**	0	0	610	n	N	**61**	N	N	No	C	Drop - No Detects and All DL < RSL
3,3'-Dichlorobenzidine	0	0		19			0.37	**0.41**	0	0	1.1	c	N	**1.1**	N	N	No	C	Drop - No Detects and All DL < RSL
4,4'-DDD	0	0		21			0.00059	**0.07**	0	0	2	c	N	**2**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Bromophenyl-phenylether	0	0		19			0.37	**0.41**	0	0							No	F	Drop - No Detects and No RSL
4-Chlorotoluene	0	0		2			0.00009	**0.00011**	0	0	5500	n	N	**550**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Chloro-3-methylphenol	0	0		19			0.37	**0.41**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methylphenol	0	0		1			0.39	**0.39**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Nitroaniline	0	0		19			0.89	**1**	0	0	24	c	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
Aroclor-1262	0	0		2			0.021	**0.21**	0	0	0.22	c	N	**0.22**	N	N	No	C	Drop - No Detects and All DL < RSL
beta-BHC	0	0		21			0.00018	**0.009**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < RSL
bis(2-Chloroethoxy) methane	0	0		19			0.37	**0.41**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromobenzene	0	0		2			0.00009	**0.00011**	0	0	300	n	N	**30**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromodichloromethane	0	0		34			0.00004	**0.07**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromoform	0	0		34			0.00027	**0.07**	0	0	61	c	N	**61**	N	N	No	C	Drop - No Detects and All DL < RSL

Table 3A
Soil Data Evaluation and COPC Identification - Quadrant 2

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Bromomethane	0	0		34			0.00046	**0.07**	0	0	7.3	n	N	**0.73**	N	N	No	C	Drop - No Detects and All DL < RSL
Butylbenzylphthalate	0	0		19			0.37	**0.41**	0	0	260	c	N	**260**	N	N	No	C	Drop - No Detects and All DL < RSL
Carbon tetrachloride	0	0		34			0.00008	**0.07**	0	0	0.61	c	N	**0.61**	N	N	No	C	Drop - No Detects and All DL < RSL
Chlorobenzene	0	0		34			0.00005	**0.07**	0	0	290	n	N	**29**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroethane	0	0		34			0.00033	**0.07**	0	0	15000	n	N	**1500**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroform	0	0		34			0.00005	**0.07**	0	0	0.29	c	N	**0.29**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloromethane	0	0		34			0.00006	**0.07**	0	0	120	n	N	**12**	N	N	No	C	Drop - No Detects and All DL < RSL
cis/trans1,2-Dichloroethene	0	0		19			0.011	**0.012**	0	0	700	n	N	**70**	N	N	No	C	Drop - No Detects and All DL < RSL
cis-1,2-Dichloroethene	0	0		15			0.00008	**0.07**	0	0	160	n	N	**16**	N	N	No	C	Drop - No Detects and All DL < RSL
Cyanide	0	0		1			0.03999	**0.03999**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromochloromethane	0	0		34			0.00018	**0.07**	0	0	0.68	c	N	**0.68**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromomethane	0	0		2			0.0002	**0.00022**	0	0	25	n	N	**2.5**	N	N	No	C	Drop - No Detects and All DL < RSL
Dichlorodifluoromethane	0	0		15			0.00007	**0.07**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Diethylphthalate	0	0		19			0.37	**0.41**	0	0	49000	n	N	**4900**	N	N	No	C	Drop - No Detects and All DL < RSL
Dimethylphthalate	0	0		19			0.37	**0.41**	0	0							No	F	Drop - No Detects and No RSL
Di-n-octylphthalate	0	0		19			0.37	**0.41**	0	0							No	F	Drop - No Detects and No RSL
Endrin	0	0		21			0.00209	**0.04**	0	0	18	n	N	**1.8**	N	N	No	C	Drop - No Detects and All DL < RSL
Heptachlor	0	0		21			0.00012	**0.006**	0	0	0.11	c	N	**0.11**	N	N	No	C	Drop - No Detects and All DL < RSL
Heptachlor epoxide	0	0		21			0.0019	**0.037**	0	0	0.053	c	N	**0.053**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachlorobutadiene	0	0		21			0.00019	**0.41**	0	0	6.2	c	N	**6.2**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachlorocyclopentadiene	0	0		19			0.37	**0.41**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachloroethane	0	0		19			0.37	**0.41**	0	0	35	c	N	**35**	N	N	No	C	Drop - No Detects and All DL < RSL
Isophorone	0	0		19			0.37	**0.41**	0	0	510	c	N	**510**	N	N	No	C	Drop - No Detects and All DL < RSL
Nitrobenzene	0	0		19			0.37	**0.41**	0	0	4.8	c	N	**4.8**	N	N	No	C	Drop - No Detects and All DL < RSL
N-Nitrosodiphenylamine/Diphenylamine	0	0		19			0.37	**0.41**	0	0	99	c	N	**99**	N	N	No	C	Drop - No Detects and All DL < RSL
Phenol	0	0		19			0.37	**0.41**	0	0	18000	n	N	**1800**	N	N	No	C	Drop - No Detects and All DL < RSL
Styrene	0	0		34			0.00008	**0.07**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
Tetrachloroethene	0	0		34			0.00013	**0.07**	0	0	150	n	N	**15**	N	N	No	C	Drop - No Detects and All DL < RSL
trans-1,2-Dichloroethene	0	0		15			0.00005	**0.07**	0	0	110	n	N	**11**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichloroethene	0	0		34			0.00014	**0.07**	0	0	2.8	c	N	**2.8**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichlorofluoromethane	0	0		15			0.00005	**0.07**	0	0	790	n	N	**79**	N	N	No	C	Drop - No Detects and All DL < RSL
Xylenes (unspecified)	0	0		19			0.011	**0.012**	0	0	630	n	N	**63**	N	N	No	C	Drop - No Detects and All DL < RSL
Constituents Screened Out on Basis of N-flag (Tentatively Identified Compound)																			
Aroclor-unspecified-10	1	1		1	0.3	0.3			100	100							No	D	Drop - TIC
Aroclor-unspecified-5	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Aroclor-unspecified-8	4	4		4	0.6	1			100	100							No	D	Drop - TIC
Aroclor-unspecified-9	7	7		7	0.2	2			100	100							No	D	Drop - TIC
Benzofluoranthene (unspecified)	1	1		1	0.5	0.5			100	100							No	D	Drop - TIC
Benzonaphthothiophene (unspecified)	2	2		2	0.2	0.3			100	100							No	D	Drop - TIC
Diethylmethylbenzamide (unspecified)	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Dimethylbenzonaphthothiophene (unspecified)	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Dimethyldibenzothiophene (unspecified)	1	1		1	0.5	0.5			100	100							No	D	Drop - TIC
Dimethylphenanthrene (unspecified)	1	1		1	0.5	0.5			100	100							No	D	Drop - TIC
Dimethylpyrene (unspecified)	1	1		1	0.4	0.4			100	100							No	D	Drop - TIC
Hexadecanoic Acid	8	8		8	0.2	0.7			100	100							No	D	Drop - TIC
Methylbenzanthracene (unspecified)	1	1		1	0.6	0.6			100	100							No	D	Drop - TIC
Methylbenzonaphthothiophene	1	1		1	0.7	0.7			100	100							No	D	Drop - TIC
Methylpyrene (unspecified)	2	2		2	0.3	0.3			100	100							No	D	Drop - TIC
Octadecanoic Acid	1	1		1	1	1			100	100							No	D	Drop - TIC
Pentadeconic Acid	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Tetramethylphenanthrene (unspecified)	1	1		1	0.4	0.4			100	100							No	D	Drop - TIC
Constituents Screened Out on Basis of Essential Nutrient																			
Calcium	18	18		20	36.3	3850	70	100	90	90							No	E	Drop - Essential Nutrient
Magnesium	7	7		20	20.1	3050	80	210	35	35							No	E	Drop - Essential Nutrient
Potassium	17	17		20	30	281	50	50	85	85							No	E	Drop - Essential Nutrient
Sodium	19	19		20	8.5	656	23	23	95	95							No	E	Drop - Essential Nutrient

Table 3A
Soil Data Evaluation and COPC Identification - Quadrant 2

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Constituents Screened Out on Basis of Maximum Detection (and Maximum ND Value) Being Below RSL																			
1,2,4-Trimethylbenzene	1	1		15	0.052	**0.052**	0.0001	**0.07**	7	7	62	n	N	**6.2**	N	N	No	G	Drop - Max Detect and DL < RSL
1,3,5-Trimethylbenzene	1	1		15	0.014	**0.014**	0.00004	**0.07**	7	7	780	n	N	**78**	N	N	No	G	Drop - Max Detect and DL < RSL
2-Butanone (MEK)	1	1		21	1.1	**1.1**	0.0018	**0.02**	5	5	28000	n	N	**2800**	N	N	No	G	Drop - Max Detect and DL < RSL
2-Methylnaphthalene	6	6		35	0.0016	**0.4**	0.33	**0.41**	17	17	310	n	N	**31**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDE	1	1		21	0.046	**0.046**	0.0037	**0.05**	5	5	1.4	c	N	**1.4**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDT	5	5		21	0.00989	**0.57**	0.0037	**0.8**	24	24	1.7	c	N	**1.7**	N	N	No	G	Drop - Max Detect and DL < RSL
4-Methyl-2-pentanone	1	1		21	0.0036	**0.0036**	0.00026	**0.012**	5	5	5300	n	N	**530**	N	N	No	G	Drop - Max Detect and DL < RSL
Acenaphthene	3	3		35	0.0005	**0.0069**	0.33	**0.41**	9	9	3400	n	N	**340**	N	N	No	G	Drop - Max Detect and DL < RSL
Acetone	4	4		21	0.016	**1.6**	0.012	**0.13**	19	19	61000	n	N	**6100**	N	N	No	G	Drop - Max Detect and DL < RSL
alpha-BHC	1	1		21	0.00018	**0.00018**	0.0019	**0.0055**	5	5	0.077	c	N	**0.077**	N	N	No	G	Drop - Max Detect and DL < RSL
Aluminum	20	20		20	1300	**4740**			100	100	77000	n	N	**7700**	N	N	No	G	Drop - Max Detect and DL < RSL
Anthracene	5	5		35	0.00086	**0.099**	0.33	**0.41**	14	14	17000	n	N	**1700**	N	N	No	G	Drop - Max Detect and DL < RSL
Antimony	3	3		21	0.03999	**0.58999**	1.1	**2**	14	14	31	n	N	**3.1**	N	N	No	G	Drop - Max Detect and DL < RSL
Barium	22	22		33	2	**174**	55.5	**66.7**	67	67	15000	n	N	**1500**	N	N	No	G	Drop - Max Detect and DL < RSL
Benzo(k)fluoranthene	3	3		17	0.0039	**0.15**	0.33	**0.4**	18	18	1.5	c	N	**1.5**	N	N	No	G	Drop - Max Detect and DL < RSL
Beryllium	2	2		20	0.003	**0.337**	0.19	**1**	10	10	160	n	N	**16**	N	N	No	G	Drop - Max Detect and DL < RSL
bis(2-Ethylhexyl) phthalate	1	1		19	0.52	**0.52**	0.37	**0.81**	5	5	35	c	N	**35**	N	N	No	G	Drop - Max Detect and DL < RSL
Cadmium	2	2		20	0.034	**0.409**	0.12	**0.5**	10	10	70	n	N	**7**	N	N	No	G	Drop - Max Detect and DL < RSL
Carbon disulfide	1	1		21	0.00031	**0.00031**	0.00005	**0.012**	5	5	820	n	N	**82**	N	N	No	G	Drop - Max Detect and DL < RSL
Chrysene	10	10		35	0.0079	**1.2**	0.33	**0.41**	29	29	15	c	N	**15**	N	N	No	G	Drop - Max Detect and DL < RSL
Cobalt	2	2		20	0.12399	**1.46**	0.12	**2**	10	10	23	n	N	**2.3**	N	N	No	G	Drop - Max Detect and DL < RSL
Copper	12	12		21	0.47999	**28**	4	**7**	57	57	3100	n	N	**310**	N	N	No	G	Drop - Max Detect and DL < RSL
Di-n-butylphthalate	2	2		19	0.037	**0.42**	0.37	**0.41**	11	11	6100	n	N	**610**	N	N	No	G	Drop - Max Detect and DL < RSL
Fluoranthene	9	9		35	0.018	**0.43**	0.33	**0.41**	26	26	2300	n	N	**230**	N	N	No	G	Drop - Max Detect and DL < RSL
Fluorene	3	3		35	0.0006	**0.0055**	0.33	**0.41**	9	9	2300	n	N	**230**	N	N	No	G	Drop - Max Detect and DL < RSL
gamma-BHC (Lindane)	1	1		21	0.00074	**0.00074**	0.0019	**0.004**	5	5	0.52	c	N	**0.52**	N	N	No	G	Drop - Max Detect and DL < RSL
Isopropylbenzene	1	1		15	0.00053	**0.00053**	0.00003	**0.07**	7	7	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < RSL
Lead	22	23	1	35	1.7	**140**	3	50	63	66	400	n	N	**400**	N	N	No	Y	Drop - Max Detect and DL < RSL
m&p-Xylene	1	1		15	0.072	**0.072**	0.0001	**0.07**	7	7	3400	n	N	**340**	N	N	No	G	Drop - Max Detect and DL < RSL
Manganese	18	18		20	0.6	**132**	4	**4**	90	90	1800	n	N	**180**	N	N	No	G	Drop - Max Detect and DL < RSL
Methoxychlor	3	3		21	0.0046	**0.35**	0.019	**0.021**	14	14	310	n	N	**31**	N	N	No	G	Drop - Max Detect and DL < RSL
Methyl mercury	2	2		2	0.00028	**0.0014**			100	100	7.8	n	N	**0.78**	N	N	No	G	Drop - Max Detect and DL < RSL
Naphthalene	6	6		35	0.0013	**0.16**	0.33	**0.41**	17	17	3.6	c	N	**3.6**	N	N	No	G	Drop - Max Detect and DL < RSL
Nickel	3	3		21	0.52999	**6.52**	0.24	**8**	14	14	1500	n	N	**150**	N	N	No	G	Drop - Max Detect and DL < RSL
o-Xylene	1	1		15	0.00889	**0.00889**	0.00006	**0.07**	7	7	3800	n	N	**380**	N	N	No	G	Drop - Max Detect and DL < RSL
Pyrene	11	11		35	0.014	**1**	0.33	**0.41**	31	31	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < RSL
Selenium	1	1		20	1.4	**1.4**	0.4	**1.3**	5	5	390	n	N	**39**	N	N	No	G	Drop - Max Detect and DL < RSL
Silver	1	1		20	0.289	**0.289**	0.00499	**0.75**	5	5	390	n	N	**39**	N	N	No	G	Drop - Max Detect and DL < RSL
Toluene	11	11		34	0.002	**0.036**	0.00004	**0.07**	32	32	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < RSL
Vanadium	7	7		21	1.1	**19**	2	**20**	33	33	390	n	N	**39**	N	N	No	G	Drop - Max Detect and DL < RSL
Zinc	10	10		21	1.5	**230**	5	**30**	48	48	23000	n	N	**2300**	N	N	No	G	Drop - Max Detect and DL < RSL

Notes:
(1) Values are November 2010 Residential RSLs (except for thallium).
(2) RSLs for non-carcinogens were adjusted to a HQ of 0.1.
(3) RSL for thallium taken from May 2009 RSL Table.
Thallium RfD subsequently withdrawn from IRIS.

Highlighted Cells Key:
Frequency Detection < 5%
Constituent without RSL - Surrogate Chemical Identified

COPC screening code (from HHBRA):
A Low record count <10 site wide
B DLs above adjusted residential RSL
C Less than 5% detection frequency including DLs above adjusted RSL
D Parameter with N flag
E Essential nutrient
F Less than 5% detection frequency and no RSL
G Max detect and max DL below adjusted residential RSL
T Thallium was dropped from COPC list because it was not used historically at the site, has a low number of actual detects, and the RSL value was withdrawn by EPA
Y Retain as COPC

Table 3B

COPC Screening Refinements for "B" Flagged Parameters - Quadrant 2

Parameter	CRQL Medium[1] (mg/kg)	Residential RSL [2] (mg/kg)	# of Records	# DL above CRQL	% DL above CRQL [3]	# DL above RSL	% DL above RSL [4]	# Level 4 Data Records	# Level 4 Data DL below RSL [5]	# Excavated Sample Records	# Detects in Excavated Samples	Comments
2,4-Dinitrotoluene	5	1.6	19	0	0	0	0					Drop - <10% DL > CRQL
4,6-Dinitro-2-methylphenol	10	0.49	19	0	0	19	100					Drop - <10% DL > CRQL
Aldrin	0.0017	0.029	21	20	95	1	4.8					Drop - <5% DL > RSL
Aroclor-1016	0.033	0.39	60	50	83	13	22	47	46			Drop - >10 Level IV DLs < RSL
Aroclor-1232	0.033	0.14	60	35	58	15	25	47	45			Drop - >10 Level IV DLs < RSL
Aroclor-1242	0.033	0.22	60	35	58	14	23	47	46			Drop - >10 Level IV DLs < RSL
Aroclor-1248	0.033	0.22	60	35	58	14	23	47	46			Drop - >10 Level IV DLs < RSL
bis(2-Chloroethyl) ether	5	0.21	19	0	0	19	100					Drop - <10% DL > CRQL
Dieldrin	0.0033	0.03	21	21	100	1	4.8					Drop - <5% DL > RSL
Hexachlorobenzene	5	0.21	19	0	0	19	100					Drop - <10% DL > CRQL
N-Nitroso-di-n-propylamine	5	0.3	19	0	0	19	100					Drop - <10% DL > CRQL
Pentachlorophenol	10	0.89	19	0	0	18	95					Drop - <10% DL > CRQL
Thallium	2.5	0.51	20	0	0	18	90					Drop - <10% DL > CRQL
Toxaphene	0.17	0.44	21	21	100	2	10	21	19			Drop - >10 Level IV DLs < RSL
Vinyl chloride	0.25	0.06	34	0	0	2	5.9					Drop - <10% DL > CRQL

Notes:

(1) Values are the current EPA Contract Laboratory Program "Medium Soil" Contract Required Quantitation Limits (CRQL).

(2) Values are November 2010 Residential RSLs; RSLs for non-carcinogens were adjusted to a HQ of 0.1.

(3) Red text indentifies constituents with 10% or less of the detection limits (DLs) exceeding the relevant Medium Soil CRQLs.

(4) Blue text identifies constituents with 5% or less of the DLs exceeding residential RSLs.

(5) Green text identifies constituents with more than 10 Level 4 data records with DLs below the residential RSL.

(6) RSL for thallium taken from May 2009 RSL Table; the RfD was subsequently withdrawn from IRIS.

Table 4A
Soil Data Evaluation and COPC Identification - Quadrant 3

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Identified as COPC																			
1,1,2,2-Tetrachloroethane	7	47	40	287	0.07	**0.92**	0.00009	12	2	16	0.56	c	Y	**0.56**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
1,2,4-Trimethylbenzene	84	85	1	223	0.00026	**120**	0.00009	0.66	38	38	62	n	Y	**6.2**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
1,4-Dichlorobenzene	2	13	11	285	0.92	**18.2**	0.00011	12	1	5	2.6	c	Y	**2.6**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
1-Methyl Naphthalene	72	72	0	235	0.39	**64.4**	0.3	3.26	31	31	22	c	Y	**22**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
2-Methylnaphthalene	91	91	0	310	0.0013	**92.6**	0.00039	11.4	29	29	310	n	N	**31**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
4,6-Dinitro-2-methylphenol	2	59	57	59	0.37	**32**	0.87	110	3	100	4.9	n	Y	**0.49**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aluminum	34	34	0	34	171	**21900**	0.8	56	100	100	77000	n	N	**7700**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Antimony	10	33	23	37	0.00899	**9.86**	0.03	66	27	89	31	n	N	**3.1**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1016	2	325	323	399	0.028	**0.42**	0.0017	418	1	81	3.9	n	N	**0.39**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1254	59	376	317	399	0.0028	**28**	0.00209	418	15	94	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1260	22	352	330	399	0.031	**7.3**	0.0017	418	6	88	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1268	71	378	307	397	0.0037	**21**	0.00209	418	18	95	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Arsenic	19	36	17	39	0.23	**12.9**	0.2	66	49	92	0.39	c	Y	**0.39**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzene	15	38	23	287	0.00055	**20.2**	0.00015	12	5	13	1.1	c	Y	**1.1**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)anthracene	51	310	259	312	0.00068	**6.4**	0.00048	54	16	99	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)pyrene	42	310	268	312	0.00032	**3.86**	0.00014	54	13	99	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b)fluoranthene	43	307	264	309	0.00079	**3.6**	0.00025	11.4	14	99	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(k)fluoranthene	36	58	22	309	0.00028	**1.82**	0.00015	11.4	12	19	1.5	c	Y	**1.5**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
bis(2-Chloroethyl) ether	1	64	63	64	0.38	**0.38**	0.36	54	2	100	0.21	c	Y	**0.21**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Carbazole	6	6		54	0.005	**0.076**	0.36	54	11	11							**YES**	Y	**Retain as COPC** - >5% Detect and no RSL
Chromium	34	59	25	39	1.26	**12.6**	0.75	22	87	151	0.29	c	Y	**0.29**	**Y**	Y	**YES**	G	**Retain as COPC** - Max Detect > RSL
Dibenzo(a,h)anthracene	14	309	295	312	0.00059	**2.7**	0.00028	54	4	99	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Dibromochloromethane	7	31	24	287	0.07	**4.8**	0.00017	12	2	11	0.68	c	Y	**0.68**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Dichloromethane (Methylene chloride)	44	45	1	287	0.00033	**16**	0.00015	12	15	16	11	c	Y	**11**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Ethyl benzene	51	51	2	287	0.0007	**18**	0.00004	11	18	18	5.4	c	Y	**5.4**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Indeno(1,2,3-cd)pyrene	30	308	280	312	0.00026	**2.2**	0.00016	54	10	99	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Iron	34	34	0	34	32.7	**25500**	1.2	28	100	100	55000	n	N	**5500**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Lead	405	405	0	489	1.38	**4430**	3.66	13.9	83	83	400	n	Y	**400**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Mercury	258	459	201	471	0.0183	**20.8**	0.01	1.9	55	97	5.6	n	Y	**0.56**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Naphthalene	71	78	7	312	0.00038	**28**	0.3	11.4	23	25	3.6	c	Y	**3.6**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
n-Butylbenzene	85	85	0	222	0.00036	**73.6**	0.00009	0.67	38	38	5.4	c	Y	**5.4**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > Surrogate RSL
n-Propylbenzene	68	69	1	222	0.007	**31.3**	0.00006	6.6	31	31	5.4	c	Y	**5.4**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > Surrogate RSL
Vanadium	33	33	0	37	1.22	**99.1**	13	22	89	89	390	n	N	**39**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Constituents Where Only Non-detect Values Exceed Adjusted RSL Values - Carry Forward to Screening Refinements (See Table 4B)																			
bis(2-Ethylhexyl) phthalate	27	29	2	64	0.036	**0.932**	0.36	**54**	42	45	35	c	N	**35**	N	Y	No	B	Drop - <10% DL > CRQL
Cobalt	10	24	14	34	0.11	**2.29**	0.12	**22**	29	71	23	n	N	**2.3**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Cadmium	9	11	2	39	0.00999	**1.1**	0.009	**13**	23	28	70	n	N	**7**	N	Y	No	B	Drop - <5% DL > RSL
Thallium [(3)]	7	33	26	34	0.01099	**0.05**	1.1	**220**	21	97	5.1	n	N	**0.51**	N	N	No	T	Drop - not used at site, withdrawn RSL
Chrysene	70	70	2	312	0.00037	**6.29**	0.00025	**54**	22	22	15	c	N	**15**	N	Y	No	B	Drop - <10% DL > CRQL
Dibenzofuran	11	16	5	75	0.00062	0.24	0.00059	**54**	15	21	78	n	N	**7.8**	N	Y	No	B	Drop - >10 Level IV DLs < Surrogate RSL
Dieldrin	5	18	13	38	0.00035	**0.0057**	0.00014	**0.22**	13	47	0.03	c	N	**0.03**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aldrin	3	4	1	38	0.0014	**0.0056**	0.00016	**0.11**	8	11	0.029	c	N	**0.029**	N	Y	No	B	Drop - <5% DL > RSL
alpha-BHC	3	4	1	38	0.00018	**0.0043**	0.00011	**0.11**	8	11	0.077	c	N	**0.077**	N	Y	No	B	Drop - <5% DL > RSL
delta-BHC	2	3	1	38	0.0005	**0.0038**	0.00007	**0.11**	5	8	0.077	c	N	**0.077**	N	Y	No	B	Drop - >10 Level IV DLs < Surrogate RSL
Tetrachloroethene	16	55	39	287	0.0005	**0.87**	0.00013	**12**	6	19	0.55	c	Y	**0.55**	Y	Y	No	B	Drop - >10 Level IV DLs < RSL
Toxaphene	1	16	15	38	0.44	**0.44**	0.0048	**11**	3	42	0.44	c	N	**0.44**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Nitrobenzene	2	17	15	64	0.17	**2.7**	0.36	**54**	3	27	4.8	c	N	**4.8**	N	Y	No	B	Drop - <10% DL > CRQL
Heptachlor epoxide	1	2	1	38	0.0057	**0.0057**	0.00008	**0.11**	3	5	0.053	c	N	**0.053**	N	Y	No	B	Drop - <5% DL > RSL
Selenium	1	2	1	39	0.9	**0.9**	0.26	**88**	3	5	390	n	N	**39**	N	Y	No	B	Drop - <5% DL > RSL
Trichloroethene	7	14	7	287	0.002	**0.96**	0.00014	**12**	2	5	2.8	c	N	**2.8**	N	Y	No	B	Drop - <5% DL > RSL
Bromomethane	5	29	24	285	0.002	**0.46**	0.00045	**12**	2	10	7.3	n	N	**0.73**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Hexachlorobenzene	1	64	63	64	0.24	**0.24**	0.36	**54**	2	100	0.3	c	N	**0.3**	N	Y	No	B	Drop - <10% DL > CRQL
4-Chloroaniline	1	8	7	64	1.4	**1.4**	0.36	**54**	2	13	2.4	c	N	**2.4**	N	Y	No	B	Drop - <10% DL > CRQL
2,4-Dinitrophenol	1	6	5	64	1.7	**1.7**	0.87	**110**	2	9	120	n	N	**12**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
2,6-Dinitrotoluene	1	6	5	64	3.6	**3.6**	0.36	**54**	2	9	61	n	N	**6.1**	N	Y	No	B	Drop - <10% DL > CRQL
4-Nitrophenol	1	5	4	64	2.1	**2.1**	0.87	**110**	2	8	120	n	N	**120**	N	Y	No	B	Drop - >10 Level IV DLs < Surrogate RSL
2,4,6-Trichlorophenol	1	3	2	64	0.6	**0.6**	0.36	**54**	2	5	44	c	N	**44**	N	Y	No	B	Drop - <10% DL > CRQL
4-Chlorophenyl-phenylether	1	3	2	64	0.32	**0.32**	0.36	**54**	2	5	310	n	N	**31**	N	Y	No	B	Drop - <10% DL > CRQL
Carbon tetrachloride	4	53	49	287	0.002	**2.7**	0.00008	**12**	1	18	0.61	c	Y	**0.61**	Y	Y	No	B	Drop - >10 Level IV DLs < RSL
Chloroform	4	50	46	287	0.005	**1.6**	0.00005	**12**	1	17	0.29	c	Y	**0.29**	Y	Y	No	B	Drop - >10 Level IV DLs < RSL

Table 4A
Soil Data Evaluation and COPC Identification - Quadrant 3

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
1,2-Dichloropropane	2	27	25	287	0.09	**0.13**	0.00006	**12**	1	9	0.89	c	N	**0.89**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Bromodichloromethane	1	49	48	287	0.0005	**0.0005**	0.00004	**12**	0	17	0.27	c	N	**0.27**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,1,2-Trichloroethane	1	26	25	287	0.05	**0.05**	0.00009	**12**	0	9	1.1	c	N	**1.1**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1221	1	339	338	399	0.042	**0.042**	0.0017	**418**	0	85	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1248	1	335	334	399	0.016	**0.016**	0.0017	**418**	0	84	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
2,4-Dinitrotoluene	0	11	11	64			0.36	**54**	0	17	1.6	c	N	**1.6**	N	Y	No	B	Drop - <10% DL > CRQL
Benzo(b/k)fluoranthene	0	3	3	3			10	**54**	0	100	0.15	c	N	**0.15**	N	Y	No	B	Drop - All ND in Pre-Removal Samples
N-Nitroso-di-n-propylamine	0	64	64	64			0.36	**54**	0	100	0.069	c	N	**0.069**	N	Y	No	B	Drop - <10% DL > CRQL
Aroclor-1232	0	335	335	399			0.0017	**418**	0	84	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1242	0	334	334	399			0.0017	**418**	0	84	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,2-Dibromo-3-chloropropane	0	8	8	20			0.00083	**0.06**	0	40	0.0054	c	N	**0.0054**	N	Y	No	B	Drop - <10% DL > CRQL
2-Nitroaniline	0	23	23	64			0.366	**54**	0	36	610	n	N	**61**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Vinyl chloride	0	88	88	285			0.00006	**12**	0	31	0.06	c	N	**0.06**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,2,3-Trichloropropane	0	3	3	13			0.00028	**12**	0	23	0.005	c	N	**0.005**	N	Y	No	B	Drop - All ND in Pre-Removal Samples
Pentachlorophenol	0	61	61	64			0.87	**110**	0	95	0.89	c	N	**0.89**	N	Y	No	B	Drop - <10% DL > CRQL
3,3'-Dichlorobenzidine	0	12	12	64			0.36	**54**	0	19	1.1	c	N	**1.1**	N	Y	No	B	Drop - <10% DL > CRQL
1,1,1,2-Tetrachloroethane	0	2	2	13			0.0002	**12**	0	15	1.9	c	N	**1.9**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,1-Dichloropropene	0	2	2	13			0.00016	**12**	0	15	1.7	c	N	**1.7**	N	Y	No	B	Retain as Qualatative COPC
2,2-Dichloropropane	0	2	2	13			0.00011	12	0	15	1.7	c	N	**1.7**	N	Y	No	B	Drop - <10% DL > CRQL
Bromochloromethane	0	2	2	13			0.00027	**12**	0	15	0.27	c	N	**0.27**	N	Y	No	B	Drop - >10 Level IV DLs < Surrogate RSL
1,2-Dichloroethane	0	40	40	287			0.00005	**12**	0	14	0.43	c	N	**0.43**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,2-Dibromoethane	0	2	2	20			0.0002	**0.06**	0	10	0.034	c	N	**0.034**	N	Y	No	B	Drop - <10% DL > CRQL
Hexachlorobutadiene	0	5	5	72			0.00018	**54**	0	7	6.2	c	N	**6.2**	N	Y	No	B	Drop - <10% DL > CRQL
2-Nitrophenol	0	3	3	64			0.36	**54**	0	5	120	n	N	**120**	N	Y	No	B	Drop - <10% DL > CRQL
1,2,4-Trichlorobenzene	0	2	2	74			0.00024	**54**	0	3	22	c	N	**22**	N	Y	No	B	Drop - <5% DL > RSL
2-Hexanone	0	2	2	74			0.00083	**30**	0	3	210	n	N	**21**	N	Y	No	B	Drop - <10% DL > CRQL
Constituents Without Identified RSL Value - Surrogate Constituents Identified by EPA																			
sec-Butylbenzene	80	80		223	0.0024	**53.7**	0.00006	6.6	36	36	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Phenanthrene	91	91		312	0.0025	**49.8**	0.00075	54	29	29	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
tert-Butylbenzene	60	60		222	0.00081	**33.6**	0.00005	6.6	27	27	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
p-Isopropyltoluene	67	67		223	0.00017	**53.2**	0.00008	2.8	30	30	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endrin ketone	9	9		38	0.0011	**0.31**	0.00014	0.22	24	24	18	n	N	**1.8**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
gamma-Chlordane	5	5		28	0.001	**0.018**	0.00009	0.11	18	18	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Benzo(g,h,i)perylene	42	42		312	0.00098	**4.56**	0.00064	54	13	13	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan II	4	4		38	0.00016	**0.0025**	0.00014	0.22	11	11	370	n	N	**37**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endrin aldehyde	3	3		38	0.00033	**0.05**	0.00012	0.22	8	8	18	n	N	**1.8**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Acenaphthylene	19	19		312	0.00019	**9.72**	0.00024	54	6	6	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan I	2	2		38	0.00036	**0.0026**	0.00006	0.11	5	5	370	n	N	**37**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
alpha-Chlordane	1	1		28	0.00041	**0.00041**	0.0001	0.11	4	4	1.6	c	N	**1.6**	N	N	No	G	Drop - Max Detect and DL < Surrogate RSL
3/4-Methylphenol	1	1		35	0.84	**0.84**	0.36	54	3	3	3100	n	N	**310**	N	N	No	C	Drop - Max Detect and DL < Surrogate RSL
Endosulfan sulfate	1	1		38	0.004	**0.004**	0.00011	0.22	3	3	370	n	N	**37**	N	N	No	C	Drop - Max Detect and DL < Surrogate RSL
1,3-Dichlorobenzene	3	3		280	0.69	**13.9**	0.00007	12	1	1	1900	n	N	**190**	N	N	No	C	Drop - Max Detect and DL < Surrogate RSL
trans-1,3-Dichloropropene	1	10	9	287	0.0005	**0.0005**	0.00011	12	0	3	1.7	c	N	**1.7**	N	Y	No	C, B	Drop - Max Detect and <5% DL < Surrogate RSL
3-Nitroaniline	0	0		64			0.37	54	0	0	610	n	N	**61**	N	N	No	B	Drop - Max Detect and DL < Surrogate RSL
cis-1,3-Dichloropropene	0	9	9	287			0.00003	12	0	3	1.7	c	N	**1.7**	N	Y	No	C	Drop - No Detects and <5% DL > Surrogate RSL
Constituents Screened Out on Basis of Low # Records																			
Tellurium	0	0		1			110	110		0							No	A	Drop - No RSL and less than 10 records sitewide
Titanium	1	1		1	410	410			100	100							No	A	Drop - No RSL and less than 10 records sitewide
Yttrium	0	0		1			22	22		0							No	A	Drop - No RSL and less than 10 records sitewide
Constituents Screened Out on Basis of Low Frequency of Detection																			
4-Chloro-3-methylphenol	2	2		64	0.16	**8.4**	0.36	**54**	3	3	6100	n	N	**610**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Di-n-octylphthalate	2	2		64	0.013	0.017	0.36	**54**	3	3							No	F	Drop - <5% Detects and No RSL
Isophorone	2	2		64	0.068	**7.8**	0.36	**54**	3	3	510	c	N	**510**	N	N	No	C	Drop - <5% Detects and All DL < RSL
beta-BHC	1	1		38	0.003	**0.003**	0.00018	**0.11**	3	3	0.27	c	N	**0.27**	N	N	No	C	Drop - <5% Detects and All DL < RSL
2-Chloroethyl vinyl ether	5	5		211	0.16	1.1	0.05	**6.6**	2	2							No	F	Drop - <5% Detects and No RSL
Chloromethane	5	5		285	0.06	**0.54**	0.00006	**12**	2	2	120	c	N	**120**	N	N	No	C	Drop - <5% Detects and All DL < RSL
2,2'-Oxybis(1-Chloropropane)	1	1		61	0.042	0.042	0.36	**11.4**	2	2							No	F	Drop - <5% Detects and No RSL
2,4-Dimethylphenol	1	1		64	3.8	**3.8**	0.36	**54**	2	2	1200	n	N	**120**	N	N	No	C	Drop - <5% Detects and All DL < RSL
2-Methylphenol	1	1		64	0.56	**0.56**	0.36	**54**	2	2	3100	n	N	**310**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Dimethylphthalate	1	1		64	0.43	0.43	0.36	**54**	2	2							No	F	Drop - <5% Detects and No RSL
N-Nitrosodiphenylamine/Diphenylamine	1	1		64	1.3	**1.3**	0.36	**54**	2	2	99	c	N	**99**	N	N	No	C	Drop - <5% Detects and All DL < RSL

Table 4A
Soil Data Evaluation and COPC Identification - Quadrant 3

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL- adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Phenol	1	1		64	0.24	**0.24**	0.36	**54**	2	2	18000	n	N	**1800**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Bromoform	5	5		287	0.1	**0.32**	0.00027	**12**	2	2	61	c	N	**61**	N	N	No	C	Drop - <5% Detects and All DL < RSL
1,2-Dichlorobenzene	3	3		285	0.71	**1.5**	0.00006	**12**	1	1	1900	n	N	**190**	N	N	No	C	Drop - <5% Detects and All DL < RSL
Chlorobenzene	2	2		287	0.0007	**1.4**	0.00005	**12**	1	1	290	n	N	**29**	N	N	No	C	Drop - <5% Detects and All DL < RSL
1,1,1-Trichloroethane	1	1		287	0.09	**0.09**	0.00016	**12**	0	0	8700	n	N	**870**	N	N	No	C	Drop - <5% Detects and All DL < RSL
2,4-Dichlorophenol	0	2	2	64			0.36	**54**	0	3	180	n	N	**18**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
2-Chlorophenol	0	2	2	64			0.36	**54**	0	3	390	n	N	**39**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
4-Nitroaniline	0	2	2	64			0.366	**54**	0	3	24	c	N	**24**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
bis(2-Chloroethoxy) methane	0	2	2	64			0.36	**54**	0	3	180	n	N	**18**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
Hexachlorocyclopentadiene	0	2	2	64			0.36	**54**	0	3	370	n	N	**37**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
Hexachloroethane	0	2	2	64			0.36	**54**	0	3	35	c	N	**35**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
1,1-Dichloroethane	0	3	3	287			0.00005	**12**	0	1	3.3	c	N	**3.3**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
trans-1,2-Dichloroethene	0	1	1	224			0.00005	**12**	0	0	150	n	N	**15**	N	N	No	C, B	Drop - No Detects and <5% DLs > RSL
1,1-Biphenylarsenic	0	0		12			0.33	**0.66**	0	0							No	F	Drop - No Detects and No RSL
1,1-Dichloroethene	0	0		287			0.00007	**12**	0	0	240	n	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,3-Trichlorobenzene	0	0		10			0.00015	0.05999	0	0	49	n	N	**4.9**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
1,3-Dichloropropane	0	0		13			0.00006	**12**	0	0	1.7	c	N	**1.7**	N	Y	No	C	Drop - No Detects and All DL < RSL
2,2'-Chloroisopropylether	0	0		3			10	**54**	0	0							No	C	Drop - No Detects and All DL < RSL
2,3,4,6-Tetrachlorophenol	0	0		3			10	**54**	0	0	1800	n	N	**180**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,5-Trichlorophenol	0	0		64			0.366	**54**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chloronaphthalene	0	0		64			0.36	**54**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorotoluene	0	0		13			0.00005	**12**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Bromophenyl-phenylether	0	0		64			0.36	**54**	0	0							No	F	Drop - No Detects and No RSL
4-Chlorotoluene	0	0		13			0.00009	**12**	0	0	5500	n	N	**550**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methyl-2-pentanone	0	0		74			0.00026	**30**	0	0	5300	n	N	**530**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methylphenol	0	0		29			0.366	**11.4**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < RSL
Aroclor-1262	0	0		8			0.00209	**0.014**	0	0	0.22	c	N	**0.22**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromobenzene	0	0	0	13			0.00009	**12**	0	0	300	n	N	**30**	N	N	No	C	Drop - No Detects and All DL < RSL
Chlordane	0	0		10			0.00174	**0.0197**	0	0	1.6	c	N	**1.6**	N	N	No	C	Drop - No Detects and All DL < RSL
Chloroethane	0	0		285			0.00032	**12**	0	0	15000	n	N	**1500**	N	N	No	C	Drop - No Detects and All DL < RSL
cis/trans1,2-Dichloroethene	0	0		63			0.005	**2.7**	0	0	700	n	N	**70**	N	N	No	C	Drop - No Detects and All DL < RSL
cis-1,2-Dichloroethene	0	0		224			0.00008	**12**	0	0	160	n	N	**16**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromomethane	0	0		13			0.0002	**12**	0	0	25	n	N	**2.5**	N	Y	No	C	Drop - No Detects and All DL < RSL
Dichlorodifluoromethane	0	0		221			0.00007	**6.6**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Diethylphthalate	0	0		64			0.36	**54**	0	0	49000	n	N	**4900**	N	N	No	C	Drop - No Detects and All DL < RSL
Fluoride	0	0		10			0.254	**2.51**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < RSL
Molybdenum	0	0		1			22	**22**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
Tin	0	0		1			55	**55**	0	0	47000	n	N	**4700**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichlorofluoromethane	0	0		222			0.00005	**6.6**	0	0	790	n	N	**79**	N	N	No	C	Drop - No Detects and All DL < RSL
Constituents Screened Out on Basis of N-flag (Tentatively Identified Compound)																			
Dimethylethyl Benzene Methanol	1	1		1	20	20			100	100							No	D	Drop - TIC
Dimethylnaphthalene (unspecified)	1	1		1	200	200			100	100							No	D	Drop - TIC
Ethylmethylbenzene (unspecified)	1	1		1	40	40			100	100							No	D	Drop - TIC
Methylphenanthrene (unspecified)	1	1		1	80	80			100	100							No	D	Drop - TIC
Nitrotricyclodecane (unspecified)	1	1		1	10	10			100	100							No	D	Drop - TIC
Trichlorofluoroethane (unspecified)	0	0		2			11	12	0	0							No	D	Drop - TIC
Constituents Screened Out on Basis of Essential Nutrient																			
Calcium	30	30		34	27.5	330000	1100	1400	88	88							No	E	Drop - Essential Nutrient
Magnesium	25	25		34	15.9	21000	1100	1400	74	74							No	E	Drop - Essential Nutrient
Potassium	19	19		34	13.8	538	4.88	4400	56	56							No	E	Drop - Essential Nutrient
Sodium	14	14		34	7.33	3210	3.78	1400	41	41							No	E	Drop - Essential Nutrient
Constituents Screened Out on Basis of Maximum Detection (and Maximum ND Value) Being Below RSL																			
1,3,5-Trimethylbenzene	77	77		223	0.0022	**58.9**	0.00004	2.8	35	35	780	n	N	**78**	N	N	YES	Y	Drop - Max Detect and DL < RSL
2-Butanone (MEK)	15	15		74	0.0027	**0.52**	0.0017	120	20	20	28000	n	N	**2800**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDD	3	3		38	0.00022	**0.0026**	0.00011	0.22	8	8	2	c	N	**2**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDE	2	2		38	0.0013	**0.0037**	0.00011	0.22	5	5	1.4	c	N	**1.4**	N	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDT	8	8		38	0.00051	**0.057**	0.00017	0.22	21	21	1.7	c	N	**1.7**	N	N	No	G	Drop - Max Detect and DL < RSL
Acenaphthene	15	15		311	0.00011	**4.86**	0.00023	54	5	5	3400	n	N	**340**	N	N	No	G	Drop - Max Detect and DL < RSL
Acetone	36	36		74	0.007	**2.2**	0.011	120	49	49	61000	n	N	**6100**	N	N	No	G	Drop - Max Detect and DL < RSL
Anthracene	46	46		312	0.00026	**9.47**	0.00047	54	15	15	17000	n	N	**1700**	N	N	No	G	Drop - Max Detect and DL < RSL
Barium	72	72		165	1.1	**720**	44	126	44	44	15000	n	N	**1500**	N	N	No	G	Drop - Max Detect and DL < RSL

Table 4A
Soil Data Evaluation and COPC Identification - Quadrant 3

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL- adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Beryllium	10	10		34	0.04399	**0.13**	0.10199	11	29	29	160	n	N	**16**	N	N	No	G	Drop - Max Detect and DL < RSL
Butylbenzylphthalate	10	10		64	0.03299	**6.4**	0.36	54	16	16	260	c	N	**260**	N	N	No	G	Drop - Max Detect and DL < RSL
Carbon disulfide	7	7		74	0.00008	**0.005**	0.00005	30	9	9	820	n	N	**82**	N	N	No	G	Drop - Max Detect and DL < RSL
Copper	33	33		37	0.31	**167**	0.611	22	89	89	3100	n	N	**310**	N	N	No	G	Drop - Max Detect and DL < RSL
Cyanide	4	4		24	0.034	**0.34**	0.026	2.2	17	17	1600	n	N	**160**	N	N	No	G	Drop - Max Detect and DL < RSL
Di-n-butylphthalate	16	16		64	0.034	**46.1**	0.37	54	25	25	6100	n	N	**610**	N	N	No	G	Drop - Max Detect and DL < RSL
Endrin	4	4		38	0.0003	**0.044**	0.00009	0.22	11	11	18	n	N	**1.8**	N	N	No	G	Drop - Max Detect and DL < RSL
Fluoranthene	49	49		312	0.0014	**6.08**	0.00061	54	16	16	2300	n	N	**230**	N	N	No	G	Drop - Max Detect and DL < RSL
Fluorene	15	15		312	0.00011	**5.27**	0.0005	54	5	5	2300	n	N	**230**	N	N	No	G	Drop - Max Detect and DL < RSL
gamma-BHC (Lindane)	4	4		38	0.00059	**0.016**	0.00008	0.11	11	11	0.52	c	N	**0.52**	N	N	No	G	Drop - Max Detect and DL < RSL
Heptachlor	3	3		38	0.00009	**0.022**	0	0.11	8	8	0.11	c	N	**0.11**	N	N	No	G	Drop - Max Detect and DL < RSL
Isopropylbenzene	51	51		222	0.0062	**86.2**	0.00003	3.1	23	23	2100	n	N	**210**	N	N	No	G	Drop - Max Detect and DL < RSL
m&p-Xylene	73	73		223	0.0016	**20.6**	0.00009	12	33	33	3400	n	N	**340**	N	N	No	G	Drop - Max Detect and DL < RSL
Manganese	33	33		34	2.3	**127**	5.1	5.1	97	97	1800	n	N	**180**	N	N	No	G	Drop - Max Detect and DL < RSL
Methoxychlor	9	9		38	0.001	**0.018**	0.00019	1.1	24	24	310	n	N	**31**	N	N	No	G	Drop - Max Detect and DL < RSL
Methyl mercury	7	7		7	0.00014	**0.0103**			100	100	7.8	n	N	**0.78**	N	N	No	G	Drop - Max Detect and DL < RSL
Nickel	29	29		37	0.36	**39.9**	0.855	44	78	78	1500	n	N	**150**	N	N	No	G	Drop - Max Detect and DL < RSL
o-Xylene	41	41		224	0.00047	**24**	0.00006	11	18	18	3800	n	N	**380**	N	N	No	G	Drop - Max Detect and DL < RSL
Pyrene	84	84		312	0.00088	**15.1**	0.00037	54	27	27	1700	n	N	**170**	N	N	No	G	Drop - Max Detect and DL < RSL
Silver	6	6		39	0.004	**0.58**	0.004	22	15	15	390	n	N	**39**	N	N	No	G	Drop - Max Detect and DL < RSL
Styrene	39	39		287	0.0005	**36**	0.00008	12	14	14	6300	n	N	**630**	N	N	No	G	Drop - Max Detect and DL < RSL
Toluene	41	41		287	0.01099	**20.2**	1.1	220	14	14	5000	n	N	**500**	N	N	No	G	Drop - Max Detect and DL < RSL
Xylenes (unspecified)	13	13		64	0.00017	**8.1**	0.00004	12	20	20	630	n	N	**63**	N	N	No	G	Drop - Max Detect and DL < RSL
Strontium	1	1		1	0.0004	**56**	0.005	2.7	100	100	47000	n	N	**4700**	N	N	No	G, A	Drop - Max Detect and DL < RSL
Zinc	34	34		37	0.68	**129**	5.3	22	92	92	23000	n	N	**2300**	N	N	No	G	Drop - Max Detect and DL < RSL

Notes:
(1) Values are November 2010 Residential RSLs (except for thallium).
(2) RSLs for non-carcinogens were adjusted to a HQ of 0.1.
(3) RSL for thallium taken from May 2009 RSL Table.
Thallium RfD subsequently withdrawn from IRIS.

Highlighted Cells Key:
Frequency Detection < 5%
Constituent without RSL - Surrogate Chemical Identified

COPC screening code (from HHBRA):
A Low record count <10 site wide
B DLs above adjusted residential RSL
C Less than 5% detection frequency including DLs above adjusted RSL
D Parameter with N flag
E Essential nutrient
F Less than 5% detection frequency and no RSL
G Max detect and max DL below adjusted residential RSL
T Thallium was dropped from COPC list because it was not used historically at the site, has a low number of actual detects, and the RSL value was withdrawn by EPA
Y Retain as COPC

Table 4B
COPC Screening Refinements for "B" Flagged Parameters - Quadrant 3

Parameter	CRQL Medium[(1)] (mg/kg)	Residential RSL [(2)] (mg/kg)	# of Records	# DL above CRQL	% DL above CRQL [(3)]	# DL above RSL	% DL above RSL [(4)]	# Level 4 Data Records	# Level 4 Data DL below RSL [(5)]	# Excavated Sample Records	# Detects in Excavated Samples	Comments
1,1,2,2-Tetrachloroethane	0.25	0.56	287	52	18	40	14	74	64			Drop - >10 Level IV DLs < RSL
1,1,2-Trichloroethane	0.25	1.1	287	52	18	25	9	74	64			Drop - >10 Level IV DLs < RSL
1,1-Dichloropropene	0.25	1.7	13	2	15	2	15	11	9	100	1	Retain as Qualatative COPC
1,2,3-Trichloropropane	0.25	0.005	13	2	15	5	38	11	8	100	0	Drop - All ND in Pre-Removal Samples
1,2,4-Trichlorobenzene	0.25	22	74	64	86	2	3					Drop - <5% DL > RSL
1,2-Dibromo-3-chloropropane	0.25	0.0056	20	0	0	8	40					Drop - <10% DL > CRQL
1,2-Dibromoethane	0.25	0.034	20	0	0	2	10					Drop - <10% DL > CRQL
1,2-Dichloroethane	0.25	0.45	287	52	18	40	14	74	64			Drop - >10 Level IV DLs < RSL
1,2-Dichloropropane	0.25	0.89	287	52	18	25	9	74	64			Drop - >10 Level IV DLs < RSL
2-Hexanone	0.5	21	74	10	14	2	3					Drop - <10% DL > CRQL
2,2-Dichloropropane	0.25	1.7	13	2	15	2	15					Drop - <10% DL > CRQL
2,4,6-Trichlorophenol	5	44	64	5	8	2	3					Drop - <10% DL > CRQL
2,4-Dinitrophenol	10	12	64	9	14	5	8	64	59			Drop - >10 Level IV DLs < RSL
2,4-Dinitrotoluene	5	1.6	64	5	8	11	17					Drop - <10% DL > CRQL
2,6-Dinitrotoluene	5	6.1	64	5	8	5	8					Drop - <10% DL > CRQL
2-Nitroaniline	10	1.8	64	5	8	23	36	64	41			Drop - >10 Level IV DLs < RSL
2-Nitrophenol	5	12	64	5	8	3	5					Drop - <10% DL > CRQL
3,3'-Dichlorobenzidine	5	1.1	64	5	8	12	19					Drop - <10% DL > CRQL
3-Nitroaniline	10	61	64	5	8	0	0					Drop - <10% DL > CRQL
4-Chloroaniline	5	2.4	64	5	8	7	11					Drop - <10% DL > CRQL
4-Chlorophenyl-phenylether	5	31	64	5	8	2	3					Drop - <10% DL > CRQL
4-Nitrophenol	10	12	64	9	14	4	6	64	60			Drop - >10 Level IV DLs < RSL
Aldrin	0.0017	0.029	38	27	71	1	3					Drop - <5% DL > RSL
alpha-BHC	0.0017	0.077	38	28	74	1	3					Drop - <5% DL > RSL
Aroclor-1221	0.033	0.14	399	387	97	338	85	81	61			Drop - >10 Level IV DLs < RSL
Aroclor-1232	0.033	0.14	399	386	97	335	84	81	64			Drop - >10 Level IV DLs < RSL
Aroclor-1242	0.033	0.22	399	386	97	334	84	81	65			Drop - >10 Level IV DLs < RSL
Aroclor-1248	0.033	0.22	399	385	96	334	84	81	65			Drop - >10 Level IV DLs < RSL
Benzo(b/k)fluoranthene	5	0.15	3	3	100	3	100	3	0	4	0	Drop - All ND in Pre-Removal Samples
bis(2-Ethylhexyl) phthalate	5	35	64	5	8	2	3					Drop - <10% DL > CRQL
Bromobenzene		30	13			0	0					Drop - <5% DL > RSL
Bromochloromethane	0.25	0.28	13	2	15	0	2					Drop - <5% DL > RSL
Bromodichloromethane	0.25	0.27	287	52	18	48	17	74	64			Drop - >10 Level IV DLs < RSL
Bromomethane	0.25	0.73	285	51	18	24	8	74	65			Drop - >10 Level IV DLs < RSL
Cadmium	5	7	39	2	5	2	5					Drop - <5% DL > RSL
Carbon tetrachloride	0.25	0.61	287	51	18	35	12	74	65			Drop - >10 Level IV DLs < RSL
Chloroform	0.25	0.29	287	52	18	46	16	74	64			Drop - >10 Level IV DLs < RSL
Chrysene	5	15	312	8	3	2	1					Drop - <10% DL > CRQL
Cobalt	5	2.3	34	13	38	14	41	34	20			Drop - >10 Level IV DLs < RSL
delta-BHC	0.0017	0.077	38	29	76	1	3	38	37			Drop - >10 Level IV DLs < RSL
Dibenzofuran	5	7.8	75	5	7	5	7	75	70			Drop - >10 Level IV DLs < RSL
Dieldrin	0.0033	0.03	38	28	74	13	34	38	25			Drop - >10 Level IV DLs < RSL

Table 4B
COPC Screening Refinements for "B" Flagged Parameters - Quadrant 3

Parameter	CRQL Medium[(1)] (mg/kg)	Residential RSL [(2)] (mg/kg)	# of Records	# DL above CRQL	% DL above CRQL [(3)]	# DL above RSL	% DL above RSL [(4)]	# Level 4 Data Records	# Level 4 Data DL below RSL [(5)]	# Excavated Sample Records	# Detects in Excavated Samples	Comments
Heptachlor epoxide	0.0017	0.053	38	30	79	1	3					Drop - <5% DL > RSL
Hexachlorobenzene	5	0.3	64	5	8	63	98					Drop - <10% DL > CRQL
Hexachlorobutadiene	5	6.2	72	5	7	5	7					Drop - <10% DL > CRQL
N-Nitroso-di-n-propylamine	5	0.069	64	5	8	64	100					Drop - <10% DL > CRQL
Nitrobenzene	5	4.8	64	5	8	5	8					Drop - <10% DL > CRQL
Pentachlorophenol	10	0.89	64	0	0	61	95					Drop - <10% DL > CRQL
Selenium	3.5	39	39	2	5	1	3					Drop - <5% DL > RSL
Tetrachloroethene	0.25	0.55	287	52	18	40	14	74	64			Drop - >10 Level IV DLs < RSL
Thallium [(6)]	2.5	0.51	34	15	44	26	76	34	8			Drop - Not used at site
Toxaphene	0.017	0.44	38	33	87	15	39	38	23			Drop - >10 Level IV DLs < RSL
Trichloroethene	0.25	2.8	287	52	18	8	3					Drop - <5% DL > RSL
Vinyl chloride	0.25	0.06	285	52	18	88	31	74	63			Drop - >10 Level IV DLs < RSL

Notes:
(1) Values are the current EPA Contract Laboratory Program "Medium Soil" Contract Required Quantitation Limits (CRQL).
(2) Values are November 2010 Residential RSLs; RSLs for non-carcinogens were adjusted to a HQ of 0.1.
(3) Red text indentifies constituents with 10% or less of the detection limits (DLs) exceeding the relevant Medium Soil CRQLs.
(4) Blue text identifies constituents with 5% or less of the DLs exceeding residential RSLs.
(5) Green text identifies constituents with more than 10 Level 4 data records with DLs below the residential RSL.
(6) RSL for thallium taken from May 2009 RSL Table; the RfD was subsequently withdrawn from IRIS.

Table 5A
Soil Data Evaluation and COPC Identification - Quadrant 4

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL-adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Identified as COPC																			
1,2,4-Trimethylbenzene	24	24	0	167	0.00016	**15.4**	0.00011	0.07	14	14	62	n	N	**6.2**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
1-Methyl Naphthalene	19	19	0	145	0.41999	**26.9**	0.3	1.7	13	13	22	c	Y	**22**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aluminum	35	35	0	35	462	**30200**	0.7	133	100	100	77000	n	N	**7700**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Antimony	25	32	7	39	0.023	**22**	1.1	40.0	64	82	31	n	N	**3.1**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1254	26	285	259	364	0.0032	**9.2**	0.0017	110	7	78	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1260	4	265	261	364	25	**160**	0.0021	12	1	73	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Aroclor-1268	111	325	214	354	0.0036	**240**	0.0021	3.36	31	92	0.22	c	Y	**0.22**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Arsenic	18	32	14	38	0.25999	**15.7**	0.18	6.0	47	84	0.39	c	Y	**0.39**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)anthracene	44	205	161	207	0.00068	**20**	0.0005	6.8	21	99	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(a)pyrene	37	205	168	207	0.00052	**16**	0.0001	6.8	18	99	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(b)fluoranthene	34	195	161	197	0.00064	**13**	0.0003	6.8	17	99	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Benzo(k)fluoranthene	27	30	3	197	0.00031	**4.08**	0.0002	6.8	14	15	1.5	c	Y	**1.5**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Chloroform	10	12	2	187	0.0012	**0.8**	0.0001	1.3	5	6	0.29	c	Y	**0.29**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Chromium	37	38	1	38	0.56999	**54**	2.5	2.5	97	100	0.29	c	Y	**0.29**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Chrysene	45	45	0	207	0.00041	**30**	0.0003	6.8	22	22	15	c	Y	**15**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Cobalt	18	25	7	35	0.035	**2.9**	0.43	33.3	51	71	23	n	N	**2.3**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Dibenzo(a,h)anthracene	23	203	180	207	0.0004	**5.5**	0.0003	6.8	11	98	0.015	c	Y	**0.015**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Indeno(1,2,3-cd)pyrene	28	204	176	207	0.00028	**6**	0.0002	6.8	14	99	0.15	c	Y	**0.15**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Iron	35	35	0	35	194	**35900**	1.7	66.6	100	100	55000	n	N	**5500**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Lead	261	261	0	325	1.14	**1200**	5	20	80	80	400	n	Y	**400**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Manganese	34	34	0	35	2.27	**481**	3.8	3.8	97	97	1800	n	N	**180**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Mercury	250	337	87	388	0.0076	**142**	0.052	0.84	64	87	5.6	n	Y	**0.56**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Naphthalene	36	39	3	207	0.00037	**8.04**	0.3	6.8	17	19	3.6	c	Y	**3.6**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
n-Butylbenzene	30	30	0	167	0.07	**50.9**	0.00009	0.07	18	18	5.4	c	Y	**5.4**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > Surrogate RSL
Tetrachloroethene	6	7	1	187	0.00057	**1.8**	0.0001	1.3	3	4	0.55	c	Y	**0.55**	**Y**	Y	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Vanadium	25	25	0	39	0.56	**79.8**	2	33.3	64	64	390	n	N	**39**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Zinc	30	30	0	39	0.94999	**3960**	0.57	20.0	77	77	23000	n	N	**2300**	**Y**	N	**YES**	Y	**Retain as COPC** - Max Detect > RSL
Constituents Where Only Non-detect Values Exceed Adjusted RSL Values - Carry Forward to Screening Refinements (See Table 5B)																			
Thallium [3]	17	35	18	35	0.00899	**0.048**	1.5	**180**	49	100	5.1	n	N	**0.5**	N	N	No	T	Drop - not used at site, withdrawn RSL
4,4'-DDT	11	12	1	37	0.00015	**0.37**	0.0002	**4.8**	30	32	1.7	c	N	**1.7**	N	Y	No	B	Drop - <5% DL > RSL
Aldrin	4	6	2	37	0.00012	**0.011**	0.0002	**1.4**	11	16	0.029	c	N	**0.029**	N	Y	No	B	Drop - <5% DL > RSL
Endrin	4	5	1	37	0.00016	**0.011**	0.00009	**4**	11	14	18	n	N	**1.8**	N	Y	No	B	Drop - <5% DL > RSL
Benzo(b/k)fluoranthene	1	10	9	10	0.15	**0.15**	0.35	**6.8**	10	100	0.15	c	N	**0.15**	N	Y	No	B	Drop - <10% DL > CRQL
Endrin ketone	3	4	1	37	0.00073	**1.7**	0.00039	**2**	8	11	18	n	N	**1.8**	N	Y	No	B	Drop - <5% DL > Surrogate RSL
Hexachlorobenzene	2	26	24	26	0.038	**0.093**	0.35	**6.8**	8	100	0.3	c	N	**0.3**	N	Y	No	B	Drop - <10% DL > CRQL
Dieldrin	1	6	5	37	0.00209	**0.00209**	0.00014	**1.9**	3	16	0.03	c	N	**0.03**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
alpha-BHC	1	2	1	37	0.0015	**0.0015**	0.00011	**0.41**	3	5	0.077	c	N	**0.077**	N	Y	No	B	Drop - <5% DL > RSL
beta-BHC	1	2	1	37	0.00054	**0.00054**	0.00018	**0.82**	3	5	0.27	c	N	**0.27**	N	Y	No	B	Drop - <5% DL > RSL
delta-BHC	1	2	1	37	0.0026	**0.0026**	0.00007	**0.82**	3	5	0.077	c	N	**0.077**	**N**	Y	No	B	Drop - >10 Level IV DLs < Surrogate RSL
Heptachlor	1	2	1	37	0.0052	**0.0052**	0.00012	**0.82**	3	5	0.11	c	N	**0.11**	N	Y	No	B	Drop - <5% DL > RSL
Heptachlor epoxide	1	2	1	37	0.00051	**0.00051**	0.00008	**0.82**	3	5	0.053	c	N	**0.053**	N	Y	No	B	Drop - <5% DL > RSL
2,4-Dinitrotoluene	0	23	23	26			0.35	**6.8**	0	88	1.6	c	N	**1.6**	N	Y	No	B	Drop - <10% DL > CRQL
4,6-Dinitro-2-methylphenol	0	23	23	23			0.86	**14**	0	100	4.9	n	N	**0.49**	N	Y	No	B	Drop - <10% DL > CRQL
Benzidine	0	7	7	7			3.19	**9.57**	0	100	0.0005	c	N	**0.0005**	N	Y	**YES**	B, Q, A	**Retain as Qualatative COPC**
bis(2-Chloroethyl) ether	0	26	26	26			0.35	**6.8**	0	100	0.21	c	N	**0.21**	N	Y	No	B	Drop - <10% DL > CRQL
Chlordane	0	1	1	1			10	**10**	0	100	1.6	c	N	**1.6**	N	Y	**YES**	B, Q	**Retain as Qualatative COPC**
N-Nitrosodimethylamine	0	7	7	7			0.399	**1.2**	0	100	0.0023	c	N	**0.0023**	N	Y	**YES**	B, Q, A	**Retain as Qualatative COPC**
N-Nitroso-di-n-propylamine	0	26	26	26			0.35	**6.8**	0	100	0.069	c	N	**0.069**	N	Y	No	B	Drop - <10% DL > CRQL
Aroclor-1221	0	273	273	364			0.0017	**14.2**	0	75	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1232	0	269	269	364			0.0017	**12**	0	74	0.14	c	N	**0.14**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1242	0	265	265	364			0.0017	**12**	0	73	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1248	0	264	264	364			0.0017	**12**	0	73	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Aroclor-1016	0	259	259	364			0.0017	**12**	0	71	3.9	n	N	**0.39**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Toxaphene	0	13	13	37			0.0051	**180**	0	35	0.44	c	N	**0.44**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
1,2-Dibromo-3-chloropropane	0	8	8	25			0.00085	**0.07**	0	32	0.0054	c	N	**0.0054**	N	Y	No	B	Drop - <10% DL > CRQL
1,2-Dibromoethane	0	8	8	25			0.0002	**0.07**	0	32	0.034	c	N	**0.034**	N	Y	No	B	Drop - <10% DL > CRQL
Nitrobenzene	0	6	6	26			0.35	**6.8**	0	23	4.8	c	N	**4.8**	N	Y	No	B	Drop - <10% DL > CRQL
2-Nitroaniline	0	5	5	26			0.399	**6.8**	0	19	610	n	N	**61**	N	Y	No	B	Drop - <10% DL > CRQL
3-Nitroaniline	0	5	5	26			0.399	**6.8**	0	19	610	n	N	**61**	N	N	No	B	Drop - <10% DL > CRQL
Vinyl chloride	0	19	19	179			0.00006	**1.3**	0	11	0.06	c	N	**0.06**	N	Y	No	B	Drop - <10% DL > CRQL
3,3'-Dichlorobenzidine	0	2	2	26			0.35	**6.8**	0	8	1.1	c	N	**1.1**	N	Y	No	B	Drop - <10% DL > CRQL
Pentachlorophenol	0	23	23	26			0.86	**14**	0	88	0.89	c	N	**0.89**	N	Y	No	B	Drop - <10% DL > CRQL

Table 5A
Soil Data Evaluation and COPC Identification - Quadrant 4

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [1] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[2] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL- adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Aroclor-1262	0	1	1	17			0.00209	**0.3**	0	6	0.22	c	N	**0.22**	N	Y	No	B	Drop - >10 Level IV DLs < RSL
Constituents Without Identified RSL Value - Surrogate Constituents Identified by EPA																			
Dibenzofuran	12	12		47	0.00048	**0.13**	0.00059	**6.8**	26	26	78	n	N	**7.8**	**N**	N	No	N	Drop - Max Detect and DL < Surrogate RSL
Phenanthrene	42	42		207	0.0008	**13.9**	0.00075	**6.8**	20	20	1700	n	N	**170**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Benzo(g,h,i)perylene	37	37		207	0.00083	**9.4**	0.00064	**6.8**	18	18	1700	n	N	**170**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan II	6	6		37	0.0011	**0.037**	0.00014	**2.3**	16	16	370	n	N	**37**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
sec-Butylbenzene	27	27		167	0.00052	**143**	0.00007	**0.07**	16	16	2100	n	N	**210**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
gamma-Chlordane	5	5		36	0.00013	**0.015**	0.00009	**0.04**	14	14	1.6	c	N	**1.6**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Endosulfan I	5	5		37	0.00008	**0.02**	0.00006	**0.82**	14	14	370	n	N	**37**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
n-Propylbenzene	20	20		167	0.00009	**5.1**	0.00006	**1.2**	12	12	5.4	c	N	**5.4**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
p-Isopropyltoluene	19	19		167	0.07	**133**	0.00009	**0.25**	11	11	5000	n	N	**500**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
tert-Butylbenzene	18	18		167	0.00025	**27.2**	0.00005	**0.29**	11	11	2100	n	N	**210**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
Acenaphthylene	15	15		207	0.0002	**0.81**	0.00024	**6.84**	7	7	1700	n	N	**170**	**N**	N	No	G	Drop - Max Detect and DL < Surrogate RSL
alpha-Chlordane	1	1		36	0.0034	**0.0034**	0.0001	**0.04**	3	3	1.6	c	N	**1.6**	**N**	N	No	C	Drop - Max Detect and DL < Surrogate RSL
Endrin aldehyde	1	1		36	0.00015	**0.00015**	0.00012	**0.079**	3	3	18	n	N	**1.8**	**N**	N	No	C	Drop - Max Detect and DL < Surrogate RSL
1,3-Dichlorobenzene	2	2		190	0.11999	**0.14**	0.00007	**1.3**	1	1	1900	n	N	**190**	**N**	N	No	C	Drop - Max Detect and DL < Surrogate RSL
4-Nitrophenol	0	1	1	26			0.86	**14**	0	4	120	n	N	**120**	N	Y	No	B, C	Drop - No Detects and <5% DL > Surrogate RSL
1,1-Dichloropropene	0	0		26			0.00017	**0.072**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2,2-Dichloropropane	0	0		26			0.00011	**0.072**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
2-Nitrophenol	0	0		26			0.35	**6.8**	0	0	120	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
3/4-Methylphenol	0	0		10			0.35	**6.8**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
4-Chlorophenyl-phenylether	0	0		26			0.35	**6.8**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Bromochloromethane	0	0		26			0.00027	**0.072**	0	0	0.27	c	N	**0.27**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
cis-1,3-Dichloropropene	0	0		187			0.00003	**1.3**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Endosulfan sulfate	0	0		37			0.00011	**0.82**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
trans-1,3-Dichloropropene	0	0		187			0.00011	**1.3**	0	0	1.7	c	N	**1.7**	N	N	No	C	Drop - No Detects and All DL < Surrogate RSL
Constituents Screened Out on Basis of Low # Records																			
Hexadecenoic Acid	1	1		1	0.2	0.2			100	100							No	A	Drop - No RSL and less than 10 records sitewide
Titanium	1	1		1	94	94			100	100							No	A	Drop - No RSL and less than 10 records sitewide
Yttrium	0	0		1			2	2		0							No	A	Drop - No RSL and less than 10 records sitewide
Constituents Screened Out on Basis of Low Frequency of Detection																			
Isophorone	1	1		26	0.037	**0.037**	0.35	**6.8**	4	4	510	c	N	**510**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Phenol	1	1		26	0.28	**0.28**	0.35	**6.8**	4	4	18000	n	N	**1800**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Bromomethane	7	9	2	179	0.09	**0.25999**	0.00046	**1.3**	4	5	7.3	n	N	**0.73**	**N**	Y	No	C	Drop - <5% Detects and <5% DLs > RSL
4,4'-DDD	1	1		37	0.0002	**0.0002**	0.00011	**1.6**	3	3	2	c	N	**2**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Carbon tetrachloride	4	7	3	187	0.0012	**0.17**	0.00008	**1.3**	2	4	0.61	c	N	**0.61**	**N**	Y	No	C	Drop - <5% Detects and <5% DLs > RSL
1,2-Dichlorobenzene	4	4		193	0.07999	**0.3**	0.00006	**1.3**	2	2	1900	n	N	**190**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Chloromethane	3	3		179	0.05	**0.20999**	0.00006	**1.3**	2	2	120	n	N	**12**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Benzene	3	5	2	187	0.00037	0.00093	0.00016	**1.3**	2	3	1.1	c	N	**1.1**	N	Y	No	C, B	Drop - <5% Detects and <5% DLs > RSL
Trichloroethene	4	4		187	0.002	**0.1**	0.00015	**1.3**	2	2	2.8	c	N	**2.8**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Chlorobenzene	3	3		187	0.083	**0.98**	0.00005	**1.3**	2	2	290	n	N	**29**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
Styrene	3	3		187	0.11999	**0.609**	0.00008	**1.3**	2	2	6300	n	N	**630**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
1,4-Dichlorobenzene	3	3		193	0.0002	**0.25**	0.00011	**1.3**	2	2	2.4	c	N	**2.4**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
o-Xylene	2	2		168	0.38999	**0.68199**	0.00006	**1.3**	1	1	3800	n	N	**380**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
trans-1,2-Dichloroethene	2	2		168	0.07	**0.07**	0.00005	**1.3**	1	1	150	n	N	**15**	**N**	N	No	C	Drop - <5% Detects and All DL < RSL
1,2-Dichloropropane	1	3	2	187	0.01	**0.01**	0.00007	**1.3**	1	2	0.89	c	N	**0.89**	**N**	Y	No	C, B	Drop - <5% Detects and <5% DLs > RSL
Dibromochloromethane	1	3	2	187	0.05	**0.05**	0.00018	**1.3**	1	2	0.68	c	N	**0.68**	**N**	Y	No	C, B	Drop - <5% Detects and <5% DLs > RSL
2,4-Dinitrophenol	0	1	1	26			0.86	**14**	0	4	120	n	N	**12**	N	Y	No	C	Drop - No Detects and <5% DLs > RSL
2,6-Dinitrotoluene	0	1	1	26			0.35	**6.8**	0	4	61	n	N	**6.1**	N	Y	No	C	Drop - No Detects and <5% DLs > RSL
4-Chloroaniline	0	1	1	26			0.35	**6.8**	0	4	2.4	c	N	**2.4**	N	Y	No	C	Drop - No Detects and <5% DLs > RSL
Hexachlorobutadiene	0	1	1	43			0.00019	**6.8**	0	2	6.2	c	N	**6.2**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
Bromodichloromethane	0	3	3	187			0.00004	**1.3**	0	2	0.27	c	N	**0.27**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
1,1,2,2-Tetrachloroethane	0	2	2	187			0.00009	**1.3**	0	1	0.56	c	N	**0.56**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
1,1,2-Trichloroethane	0	2	2	187			0.00009	**1.3**	0	1	1.1	c	N	**1.1**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
1,2-Dichloroethane	0	2	2	187			0.00005	**1.3**	0	1	0.43	c	N	**0.43**	N	Y	No	C, B	Drop - No Detects and <5% DLs > RSL
1,1,1,2-Tetrachloroethane	0	0		25			0.0002	**0.07**	0	0	1.9	c	N	**1.9**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1,1-Trichloroethane	0	0		187			0.00017	**1.3**	0	0	8700	n	N	**870**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Biphenylarsenic	0	0		6			0.33	**1.1**	0	0							No	F	Drop - No Detects and No RSL
1,1-Dichloroethane	0	0		187			0.00005	**1.3**	0	0	3.3	c	N	**3.3**	N	N	No	C	Drop - No Detects and All DL < RSL
1,1-Dichloroethene	0	0		187			0.00007	**1.3**	0	0	240	n	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,3-Trichlorobenzene	0	0		25			0.00016	**0.07**	0	0	49	n	N	**4.9**	N	N	No	C	Drop - No Detects and All DL < RSL
1,2,4-Trichlorobenzene	0	0		51			0.00024	**6.8**	0	0	22	c	N	**22**	N	N	No	C	Drop - No Detects and All DL < RSL
1,3-Dichloropropane	0	0		26			0.00006	**0.072**	0	0	1600	c	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL

Table 5A
Soil Data Evaluation and COPC Identification - Quadrant 4

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL- adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
2,2'-Chloroisopropylether	0	0		10			0.35	**6.8**	0	0							No	F	Drop - No Detects and No RSL
2,2'-Oxybis(1-Chloropropane)	0	0		16			0.35	**1.2**	0	0							No	F	Drop - No Detects and No RSL
2,3,4,6-Tetrachlorophenol	0	0		1			6.8	**6.8**	0	0	1800	n	N	**180**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,5-Trichlorophenol	0	0		26			0.399	**6.8**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4,6-Trichlorophenol	0	0		26			0.35	**6.8**	0	0	44	c	N	**44**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dichlorophenol	0	0		26			0.35	**6.8**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
2,4-Dimethylphenol	0	0		26			0.35	**6.8**	0	0	1200	n	N	**120**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chloroethyl vinyl ether	0	0		142			0.05	**1.3**	0	0							No	F	Drop - No Detects and No RSL
2-Chloronaphthalene	0	0		26			0.35	**6.8**	0	0	6300	n	N	**630**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorophenol	0	0		26			0.35	**6.8**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Chlorotoluene	0	0		26			0.00005	**0.072**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Hexanone	0	0		37			0.00085	**0.18**	0	0	210	n	N	**21**	N	N	No	C	Drop - No Detects and All DL < RSL
2-Methylphenol	0	0		26			0.35	**6.8**	0	0	3100	n	N	**310**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Bromophenyl-phenylether	0	0		26			0.35	**6.8**	0	0							No	F	Drop - No Detects and No RSL
4-Chloro-3-methylphenol	0	0		26			0.35	**6.8**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Chlorotoluene	0	0		26			0.0001	**0.072**	0	0	5500	n	N	**550**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methyl-2-pentanone	0	0		37			0.00026	**0.18**	0	0	5300	n	N	**530**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Methylphenol	0	0		16			0.35	**1.2**	0	0	310	n	N	**31**	N	N	No	C	Drop - No Detects and All DL < RSL
4-Nitroaniline	0	0		26			0.399	**6.8**	0	0	24	c	N	**24**	N	N	No	C	Drop - No Detects and All DL < RSL
Aniline	0	0		7			0.399	**1.2**	0	0	85	c	N	**85**	N	N	No	C	Drop - No Detects and All DL < RSL
Benzoic acid	0	0		7			1.99	**5.98**	0	0	240000	n	N	**24000**	N	N	No	C	Drop - No Detects and All DL < RSL
Benzyl alcohol	0	0		7			0.399	**1.2**	0	0	6100	n	N	**610**	N	N	No	C	Drop - No Detects and All DL < RSL
bis(2-Chloroethoxy) methane	0	0		26			0.35	**6.8**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromobenzene	0	0		26			0.0001	**0.072**	0	0	300	n	N	**30**	N	N	No	C	Drop - No Detects and All DL < RSL
Bromoform	0	0		187			0.00027	**1.3**	0	0	61	c	N	**61**	N	N	No	C	Drop - No Detects and All DL < RSL
Butylbenzylphthalate	0	0		26			0.35	**6.8**	0	0	260	c	N	**260**	N	N	No	C	Drop - No Detects and All DL < RSL
Carbazole	0	0		19			0.35	**6.8**	0	0							No	F	Drop - No Detects and No RSL
Chloroethane	0	0		179			0.00033	**1.3**	0	0	15000	n	N	**1500**	N	N	No	C	Drop - No Detects and All DL < RSL
cis/trans1,2-Dichloroethene	0	0		19			0.005	**0.063**	0	0	700	n	N	**70**	N	N	No	C	Drop - No Detects and All DL < RSL
cis-1,2-Dichloroethene	0	0		168			0.00008	**1.3**	0	0	160	n	N	**16**	N	N	No	C	Drop - No Detects and All DL < RSL
Cyanide	0	0		7			1.3	**12**	0	0	1600	n	N	**160**	N	N	No	C	Drop - No Detects and All DL < RSL
Dibromomethane	0	0		26			0.0002	**0.072**	0	0	25	n	N	**2.5**	N	N	No	C	Drop - No Detects and All DL < RSL
Dichlorodifluoromethane	0	0		167			0.00007	**1.3**	0	0	180	n	N	**18**	N	N	No	C	Drop - No Detects and All DL < RSL
Diethylphthalate	0	0		26			0.35	**6.8**	0	0	49000	n	N	**4900**	N	N	No	C	Drop - No Detects and All DL < RSL
Dimethylphthalate	0	0		26			0.35	**6.8**	0	0							No	F	Drop - No Detects and No RSL
Di-n-octylphthalate	0	0		26			0.35	**6.8**	0	0							No	F	Drop - No Detects and No RSL
gamma-BHC (Lindane)	0	0		37			0.00008	**0.41**	0	0	0.52	c	N	**0.52**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachlorocyclopentadiene	0	0		26			0.35	**6.8**	0	0	370	n	N	**37**	N	N	No	C	Drop - No Detects and All DL < RSL
Hexachloroethane	0	0		26			0.35	**6.8**	0	0	35	c	N	**35**	N	N	No	C	Drop - No Detects and All DL < RSL
Molybdenum	0	0		1			2	**2**	0	0	390	n	N	**39**	N	N	No	C	Drop - No Detects and All DL < RSL
N-Nitrosodiphenylamine/Diphenylamine	0	0		26			0.35	**6.8**	0	0	99	c	N	**99**	N	N	No	C	Drop - No Detects and All DL < RSL
Tellurium	0	0		1			10	**10**	0	0							No	F	Drop - No Detects and No RSL
Tin	0	0		1			6	**6**	0	0	47000	n	N	**4700**	N	N	No	C	Drop - No Detects and All DL < RSL
Trichlorofluoromethane	0	0		168			0.00005	**1.3**	0	0	790	n	N	**79**	N	N	No	C	Drop - No Detects and All DL < RSL
Constituents Screened Out on Basis of N-flag (Tentatively Identified Compound)																			
Aroclor-unspecified-10	1	1		1	5	5			100	100							No	D	Drop - TIC
Aroclor-unspecified-5	1	1		1	0.9	0.9			100	100							No	D	Drop - TIC
Aroclor-unspecified-6	1	1		1	0.6	0.6			100	100							No	D	Drop - TIC
Aroclor-unspecified-7	1	1		1	1	1			100	100							No	D	Drop - TIC
Aroclor-unspecified-8	1	1		1	10	10			100	100							No	D	Drop - TIC
Aroclor-unspecified-9	1	1		1	30	30			100	100							No	D	Drop - TIC
Dimethylanthracene (unspecified)	1	1		1	0.2	0.2			100	100							No	D	Drop - TIC
Dimethylphenanthrene (unspecified)	1	1		1	0.5	0.5			100	100							No	D	Drop - TIC
Hexadecanoic Acid	2	2		2	0.1	0.3			100	100							No	D	Drop - TIC
Methylbenzanthracene (unspecified)	1	1		1	0.3	0.3			100	100							No	D	Drop - TIC
Methylpyrene (unspecified)	1	1		1	0.3	0.3			100	100							No	D	Drop - TIC

Table 5A
Soil Data Evaluation and COPC Identification - Quadrant 4

Parameter	# Detects	# Surrogate Detects (w/ DL >RSL)	# ND DLs > Adj. Res RSL	# Records	Min Detect (mg/kg)	Max Detect (mg/kg)	Min DL (mg/kg)	Max DL (mg/kg)	Det Freq (actual)	Det Freq (surrogate)	Res RSL [(1)] (mg/kg)	RSL c/nc key	Max Detect > RSL?	Adj. Res RSL[(2)] (mg/kg)	Max Detect > Adj. RSL?	Max DL > RSL- adjusted?	Final Screening COPC	Basis for COPC Screen	Comments
Constituents Screened Out on Basis of Essential Nutrient																			
Calcium	24	24		35	27.1	38200	90	3333	69	69							No	E	Drop - Essential Nutrient
Magnesium	25	25		35	37.9	7850	90	1260	71	71							No	E	Drop - Essential Nutrient
Potassium	23	23		35	30	4170	23	3333	66	66							No	E	Drop - Essential Nutrient
Sodium	20	20		35	35	8550	17	1260	57	57							No	E	Drop - Essential Nutrient
Constituents Screened Out on Basis of Maximum Detection (and Maximum ND Value) Being Below RSL																			
1,3,5-Trimethylbenzene	27	27		167	0.07	**31.5**	0.00004	**0.13**	16	16	780	n	N	**78**	N	N	YES	Y	Drop - Max Detect and DL < RSL
2-Butanone (MEK)	7	7		37	**0.0024**	0.02	0.0018	**0.72**	19	19	28000	n	N	**2800**	**N**	N	No	G	Drop - Max Detect and DL < RSL
2-Methylnaphthalene	36	36		192	**0.00044**	16.6	0.00039	**6.84**	19	19	310	n	N	**31**	**N**	N	No	G	Drop - Max Detect and DL < RSL
4,4'-DDE	4	4		37	**0.00018**	0.094	0.00011	**0.82**	11	11	1.4	c	N	**1.4**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Acenaphthene	18	18		207	**0.00031**	1.02	0.00023	**6.84**	9	9	3400	n	N	**340**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Acetone	24	24		37	**0.0078**	2.9	0.011	**0.72**	65	65	61000	n	N	**6100**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Anthracene	28	28		207	**0.00063**	7.46	0.00047	**6.84**	14	14	17000	n	N	**1700**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Barium	48	48		128	**2.36**	242	42	**142**	38	38	15000	n	N	**1500**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Beryllium	17	17		35	**0.006**	0.09399	0.20999	**3.33**	49	49	160	n	N	**16**	**N**	N	No	G	Drop - Max Detect and DL < RSL
bis(2-Ethylhexyl) phthalate	2	2		26	**2.1**	2.6	0.35	**6.8**	8	8	35	c	N	**35**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Cadmium	14	14		38	**0.00899**	0.164	0.008	**3.33**	37	37	70	n	N	**7**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Carbon disulfide	13	13		37	**0.00009**	0.019	0.00005	**0.18**	35	35	820	n	N	**82**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Copper	28	28		39	**0.18999**	35	1	**16.7**	72	72	3100	n	N	**310**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Dichloromethane (Methylene chloride)	21	21		187	**0.00027**	3.5	0.00016	**1.3**	11	11	11	c	N	**11**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Di-n-butylphthalate	3	3		26	**0.03**	0.435	0.35	**6.8**	12	12	6100	n	N	**610**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Ethyl benzene	13	13		187	**0.00022**	0.40999	0.00004	**1.3**	7	7	5.4	c	N	**5.4**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Fluoranthene	22	22		207	**0.0011**	3.1	0.00061	**6.84**	11	11	2300	n	N	**230**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Fluorene	12	12		207	**0.0004**	0.81	0.0005	**6.84**	6	6	2300	n	N	**230**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Isopropylbenzene	25	25		167	**0.00016**	105	0.00003	**0.12999**	15	15	2100	n	N	**210**	**N**	N	No	G	Drop - Max Detect and DL < RSL
m&p-Xylene	18	18		167	**0.00055**	2.015	0.00011	**1.3**	11	11	3400	n	N	**340**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Methoxychlor	10	10		37	**0.00048**	1.1	0.00019	**4**	27	27	310	n	N	**31**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Methyl mercury	8	8		8	**0.00013**	0.00143			100	100	7.8	n	N	**0.78**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Nickel	23	23		39	**0.15999**	26.2	2.1	**26.7**	59	59	1500	n	N	**150**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Pyrene	46	46		207	**0.00083**	16	0.00037	**6.84**	22	22	1700	n	N	**170**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Selenium	4	4		38	**0.28**	2	0.25	**8**	11	11	390	n	N	**39**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Silver	9	9		38	**0.004**	0.04699	0.004	**6.67**	24	24	390	n	N	**39**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Toluene	33	33		187	**0.00025**	0.77999	0.005	**1.3**	18	18	5000	n	N	**500**	**N**	N	No	G	Drop - Max Detect and DL < RSL
Strontium	1	1		1	19	**19**			100	100	47000	n	N	**4700**	**N**	N	No	A	Drop - Max Detect and DL < RSL
Xylenes (unspecified)	4	4		20	**0.004**	0.052	0.005	**0.072**	20	20	630	n	N	**63**	**N**	N	No	G	Drop - Max Detect and DL < RSL

Notes:
(1) Values are November 2010 Residential RSLs (except for thallium).
(2) RSLs for non-carcinogens were adjusted to a HQ of 0.1.
(3) RSL for thallium taken from May 2009 RSL Table.
Thallium RfD subsequently withdrawn from IRIS.

Highlighted Cells Key:
Frequency Detection < 5%
Constituent without RSL - Surrogate Chemical Identified

COPC screening code:
A Low record count <10 site wide
B DLs above adjusted residential RSL
C Less than 5% detection frequency including DLs above adjusted RSL
D Parameter with N flag
E Essential nutrient
F Less than 5% detection frequency and no RSL
G Max detect and max DL below adjusted residential RSL
T Thallium was dropped from COPC list because it was not used historically at the site, has a low number of actual detects, and the RSL value was withdrawn by EPA
Y Retain as COPC

Table 5B
COPC Screening Refinements for "B" Flagged Parameters - Quadrant 4

Parameter	CRQL Medium[1] (mg/kg)	Residential RSL [2] (mg/kg)	# of Records	# DL above CRQL	% DL above CRQL [3]	# DL above RSL	% DL above RSL [4]	# Level 4 Data Records	# Level 4 Data DL below RSL [5]	# Excavated Sample Records	# Detects in Excavated Samples	Comments
1,2-Dibromo-3-chloropropane	0.25	0.0056	25	0	0	7	28					Drop - <10% DL > CRQL
1,2-Dibromoethane	0.25	0.034	25	0	0	8	32					Drop - <10% DL > CRQL
2,4-Dinitrotoluene	5	1.6	26	1	4	1	4					Drop - <10% DL > CRQL
2-Nitroaniline	10	1.8	26	0	0	5	19					Drop - <10% DL > CRQL
3,3'-Dichlorobenzidine	5	1.1	26	1	4	2	8					Drop - <10% DL > CRQL
3-Nitroaniline	10	61	26	0	0	0	0					Drop - <10% DL > CRQL
4,4'-DDT	0.0033	1.7	37	19	51	1	3					Drop - <5% DL > RSL
4,6-Dinitro-2-methylpheno	10	0.49	23	1	4	23	100					Drop - <10% DL > CRQL
Aldrin	0.0017	0.029	37	20	54	2	5					Drop - <5% DL > RSL
alpha-BHC	0.0017	0.077	37	21	57	1	3					Drop - <5% DL > RSL
Aroclor-1016	0.033	0.39	364	333	91	259	71	110	105			Drop - >10 Level IV DLs < RSL
Aroclor-1221	0.033	0.14	364	333	91	275	76	110	89			Drop - >10 Level IV DLs < RSL
Aroclor-1232	0.033	0.14	364	333	91	270	74	110	94			Drop - >10 Level IV DLs < RSL
Aroclor-1242	0.033	0.22	364	332	91	265	73	110	99			Drop - >10 Level IV DLs < RSL
Aroclor-1248	0.033	0.22	364	332	91	264	73	110	100			Drop - >10 Level IV DLs < RSL
Aroclor-1262	0.033	0.14	17	2	12	1	6	17	16			Drop - >10 Level IV DLs < RSL
Benzidine	5	0.0005	7	1	14	7	100	7	7	38	0	Drop - All ND in Pre-Removal Samples
Benzo(b/k)fluoranthene	5	0.15	10	1	10	9	90					Drop - <10% DL > CRQL
beta-BHC	0.0017	0.27	37	22	59	1	3					Drop - <5% DL > RSL
bis(2-Chloroethyl) ether	5	0.21	26	1	3.8	26	100					Drop - <10% DL > CRQL
Chlordane	0.0017	1.6	1	1	100	1	100	1	0	8	0	Drop - All ND in Pre-Removal Samples
Delta-BHC	0.0017	0.077	37	21	57	1	3	37	36			Drop - >10 Level IV DLs < RSL
Dieldrin	0.0033	0.03	37	22	59	5	14	37	31			Drop - >10 Level IV DLs < RSL
Endrin	0.0033	1.8	37	21	57	1	3					Drop - <5% DL > RSL
Endrin Ketone	0.0033	1.8	37	23	62	1	3					Drop - <5% DL > RSL
Heptachlor	0.0017	0.11	37	23	62	1	3					Drop - <5% DL > RSL
Heptachlor epoxide	0.0017	0.053	37	22	59	1	3					Drop - <5% DL > RSL
Hexachlorobenzene	5	0.3	26	1	4	24	92					Drop - <10% DL > CRQL
Nitrobenzene	5	4.8	26	1	4	1	4					Drop - <10% DL > CRQL
N-Nitrosodimethylamine		0.0023	7			7	100			75	0	Drop - All ND in Pre-Removal Samples
N-Nitroso-di-n-propylamine	5	0.069	26	1	4	26	100					Drop - <10% DL > CRQL
Pentachlorophenol	10	0.89	26	1	4	23	88					Drop - <10% DL > CRQL
Thallium [6]	2.5	0.51	35	7	20	18	51	35	0			Drop - not used at site
Toxaphene	0.17	0.44	37	25	68	13	35	37	24			Drop - >10 Level IV DLs < RSL
Vinyl chloride	0.25	0.06	179	3	2	19	11					Drop - <10% DL > CRQL

Notes:

(1) Values are the current EPA Contract Laboratory Program "Medium Soil" Contract Required Quantitation Limits (CRQL

(2) Values are November 2010 Residential RSLs; RSLs for non-carcinogens were adjusted to a HQ of 0.1

(3) Red text indentifies constituents with 10% or less of the detection limits (DLs) exceeding the relevant Medium Soil CRQL

(4) Blue text identifies constituents with 5% or less of the DLs exceeding residential RSL

(5) Green text identifies constituents with more than 10 Level 4 data records with DLs below the residential RSL, or that were not detected in the pre-removal sampl

(6) RSL for thallium taken from May 2009 RSL Table; the RfD was subsequently withdrawn from IRIS.

Table 6A
RME Exposure Parameters - Industrial Worker

Parameter	Abbrev.	Units	RME Value	Rationale
Body Weight	BW	kg	70	USEPA, 2002a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 2002a
Averaging Time - Noncarcinogens	Atnc	days	9125	= ED x 365
Exposure Frequency	EF	days/yr	225	USEPA, 2002a
Exposure Duration	ED	years	25	USEPA, 2002a
Inhalation rate	InhR	m^3/day	20	USEPA, 2002a
Soil Ingestion Rate	IR	mg/day	100	USEPA, 2002a(1)
Skin Surface Area for Soil Exposure	SAs	cm^2	3300	USEPA, 2002a
Soil Adherence Factor	AF	mg/cm^2	0.2	USEPA, 2002a

Notes:

kg kilograms
yr years
mg miligrams
cm^2 square centimeters
m^3 cubic meters
g grams
cm centimeters
ug micrograms
Shading indicates where RME parameter values differ from CTE parameter values.
(1) Outdoor worker

Table 6B
CTE Exposure Parameters - Industrial Worker

Parameter	Abbrev.	Units	CTE Value	Rationale
Body Weight	BW	kg	70	USEPA, 2002a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 2002a
Averaging Time - Noncarcinogens	Atnc	days	3285	= ED x 365
Exposure Frequency	EF	days/yr	219	Professional Judgement
Exposure Duration	ED	years	9	Professional Judgement
Inhalation rate	InhR	m^3/day	20	USEPA, 2002a
Soil Ingestion Rate	IR	mg/day	25	Calabrese et al, 1991
Skin Surface Area for Soil Exposure	SAs	cm^2	3300	USEPA, 2004b
Soil Adherence Factor	AF	mg/cm^2	0.02	USEPA, 2004b

Notes:

kg	kilograms	cm	centimeters
yr	years	ug	micrograms
mg	miligrams		
cm^2	square centimeters		
m^3	cubic meters		
g	grams		

Table 7A
RME Exposure Parameters - Excavation Worker

Parameter	Abbrev.	Units	RME Value	Rationale
Body Weight	BW	kg	70	USEPA, 2002a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 2002a
Averaging Time - Noncarcinogens	Atnc	days	182	26 weeks, 7 days/week
Exposure Frequency	EF	days/yr	260	5 days/week
Exposure Duration	ED	years	0.5	Professional judgement
Inhalation Rate	InhR	m^3/day		
Soil Ingestion rate	IR	mg/day	330	USEPA, 2002a
Skin Surface Area for Soil Exposure	SAs	cm^2	3300	U.S. EPA, 2002a
Soil Adherence Factor	AF	mg/cm^2	0.3	U.S. EPA, 2002a

Notes:

kg	kilograms	cm	centimeters
yr	years	ug	micrograms
mg	miligrams	L	liters
cm^3	cubic centimeters		Shading indicates where RME parameter values
m^3	cubic meters		differ from CTE parameter values.
g	grams		

For the purposes of this analysis the excavation worker is considered equivalent to a construction worker.

Table 7B
CTE Exposure Parameters - Excavation Worker

Parameter	Abbrev.	Units	CTE Value	Rationale
Body Weight	BW	kg	70	USEPA, 2002a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 2002a
Averaging Time - Noncarcinogens	Atnc	days	84	12 weeks, 7 days/week
Exposure Frequency	EF	days/yr	260	5 days/week
Exposure Duration	ED	years	0.23	Professional judgement
Inhalation Rate	InhR	m^3/day		
Soil Ingestion rate	IR	mg/day	100	USEPA, 1991(1)
Skin Surface Area for Soil Exposure	SAs	cm^2	1900	USEPA, 1997(2)
Soil Adherence Factor	AF	mg/cm^2	0.1	USEPA, 2004b

Notes:

kg kilograms
yr years
mg miligrams
cm^3 cubic centimeters
m^3 cubic meters
g grams
cm centimeters
ug micrograms
L liters
(1) for moderate activities
(2) mean surface area for hands and forearms

For the purposes of this analysis the excavation worker is considered equivalent to a construction worker.

Table 8A
RME Exposure Parameters - Current/Future Trespasser

Parameter	Abbrev.	Units	RME Value	Rationale
Body Weight	BW	kg	45	USEPA, 2000a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 2000a
Averaging Time - Noncarcinogens	Atnc	days	3650	= ED x 365
Exposure Frequency (Current Trespasser)	EF	days/yr	24	2 days/month
Exposure Frequency (Future Trespasser)			52	1 day/week(1)
Exposure Duration	ED	years	10	USEPA, 2000a
Inhalation rate	InhR	m^3/day	15	Professional Judgement
Soil Ingestion rate	IR	mg/day	50	USEPA, 2000a
Skin Surface Area for Soil Exposure	SAs	cm^2	3940	USEPA, 2004b(1)
Soil Adherence Factor	AF	mg/cm^2	0.2	USEPA, 2004b

Notes:

kg kilograms
yr years
mg miligrams
cm^2 square centimeters
m^3 cubic meters
g grams
cm centimeters
ug micrograms
Shading indicates where RME parameter values differ from CTE parameter values.
(1) Consistent with OU1 Trespasser scenario (EPS, 2011c).
(2) Represents head, hands, forearms, and lower legs.

Table 8B
CTE Exposure Parameters - Current/Future Trespasser

Parameter	Abbrev.	Units	CTE Value	Rationale
Body Weight	BW	kg	45	USEPA, 2000a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 2000a
Averaging Time - Noncarcinogens	Atnc	days	3650	= ED x 365
Exposure Frequency	EF	days/yr	6	1days/month, 6 months(1)
Exposure Duration	ED	years	10	USEPA, 2000a
Inhalation rate	InhR	m^3/day	15	Professional Judgement
Soil Ingestion rate	IR	mg/day	10	20% of RME Value
Skin Surface Area for Soil Exposure	SAs	cm^2	2750	USEPA, 2004b(2)
Soil Adherence Factor	AF	mg/cm^2	0.1	USEPA, 2004b

Notes:

kg kilograms
yr years
mg miligrams
cm^2 square centimeters
m^3 cubic meters
g grams
cm centimeters
ug micrograms
L liters

(1) The CTE exposure frequency is the same for the current and future scenarios.
(2) Represents face, hands, forearms, and lower legs.

Table 9A
RME Exposure Parameters - Hypothetical Resident

Parameter	Abbrev.	Units	RME Value	Rationale
Child Factors				
Body Weight	BW_c	kg	15	USEPA, 2002a
Soil Ingestion rate	IR_c	mg/day	200	USEPA, 2002a
Skin Surface Area for Soil Exposure	SAs	cm^2	2800	USEPA, 2002a
Soil Adherence Factor	AF	mg/cm^2	0.2	USEPA, 2002a
Inhalation rate	InhR	m^3/day	15	USEPA, 2002a
Exposure Frequency	EF	days/yr	350	USEPA, 2002a
Exposure Duration	ED	years	6	USEPA, 2002a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 1989
Averaging Time - Noncarcinogens	Atnc	days	2190	USEPA, 1989
Adult Factors				
Body Weight	BW_c	kg	70	USEPA, 2002a
Soil Ingestion rate	IR_c	mg/day	100	USEPA, 2002a
Skin Surface Area for Soil Exposure	SAs	cm^2	5700	USEPA, 2002a
Soil Adherence Factor	AF	mg/cm^2	0.07	USEPA, 2002a
Inhalation rate	InhR	m^3/day	20	USEPA, 2002a
Exposure Frequency	EF	days/yr	350	USEPA, 2002a
Exposure Duration	ED	years	30	USEPA, 2002a
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 1989
Averaging Time - Noncarcinogens	Atnc	days	10950	USEPA, 1989

Notes:

kg	kilograms	cm	centimeters
yr	years	ug	micrograms
mg	miligrams	L	liters
cm^3	cubic centimeters	g	grams
m^3	cubic meters		

Shading indicates where RME parameter values differ from CTE parameter values.

Table 9B
CTE Exposure Parameters - Hypothetical Resident

Parameter	Abbrev.	Units	RME Value	Rationale
Child Factors				
Body Weight	BW_c	kg	15	USEPA, 1991
Soil Ingestion rate	IR_c	mg/day	100	USEPA, 1997
Skin Surface Area for Soil Exposure	SAs	cm^2	1800	USEPA, 1997(1)
Soil Adherence Factor	AF	mg/cm^2	0.2	USEPA, 2002a
Inhalation rate	InhR	m^3/day	8.1	USEPA, 1997(2)
Exposure Frequency	EF	days/yr	350	USEPA, 2002a
Exposure Duration	ED	years	2	USEPA, 1997(3)
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 1989
Averaging Time - Noncarcinogens	Atnc	days	730	USEPA, 1989
Adult Factors				
Body Weight	BW_c	kg	70	USEPA, 1991
Soil Ingestion rate	IR_c	mg/day	50	USEPA, 1997
Skin Surface Area for Soil Exposure	SAs	cm^2	4800	USEPA, 1997(1)
Soil Adherence Factor	AF	mg/cm^2	0.07	USEPA, 2002a
Inhalation rate	InhR	m^3/day	13.3	USEPA, 1997(2)
Exposure Frequency	EF	days/yr	350	USEPA, 2002a
Exposure Duration	ED	years	9	USEPA, 1997(3)
Averaging Time - Carcinogens	ATc	days	25550	USEPA, 1989
Averaging Time - Noncarcinogens	Atnc	days	3285	USEPA, 1989

Notes:

kg	kilograms	cm	centimeters
yr	years	ug	micrograms
mg	miligrams	L	liters
cm^3	cubic centimeters	g	grams
m^3	cubic meters		

(1) Exhibit C-1: child - surface area of face, hands, forearms and lower legs (Males/Females, >1 to 7 yrs); adult - surface area of face, hands, forearms, and lower legs (males/females >18 to 31 yrs).

(2) Table 5-23: child - average daily inhalation rate (Males/Females, >1 to 7 yrs); adult - average daily inhalation rate (Males/Females, 19 to 65+ yrs).

(3) adult - median residential tenure; child - 20% of median residental tenure

Table 10 Exposure Point Concentrations - Surface Soil

Chemical	EPC (mg/kg)	Recommended UCL Method Without TEG	EPC (mg/kg)	Recommended UCL Method With TEG
OTF				
Arsenic	1.7	maximum detected concentration [1]		
Benzo(a)anthracene	0.347	95% KM (t) UCL		
Benzo(a)pyrene	0.485	95% KM (t) UCL		
Benzo(b)fluoranthene	0.692	95% KM (t) UCL	**No Samples from the OTF Area**	
Chromium	5	maximum detected concentration [1]	**Were Analyzed by the TEG Laboratory**	
Dibenzo(a,h)anthracene	0.32	95% KM (BCA) UCL		
Lead	2536	99% KM (Chebyshev) UCL		
Mercury	0.487	95% KM (t) UCL		
Quad 1				
Aroclor-1260	0.166	95% KM (t) UCL	0.454	95% KM (BCA) UCL
Aroclor-1268	0.137	95% KM (BCA) UCL	0.484	95% KM (BCA) UCL
Arsenic	1.474	95% KM (BCA) UCL	1.402	95% KM (BCA) UCL
Benzo(a)anthracene	0.213	95% KM (t) UCL	0.213	95% KM (t) UCL
Benzo(a)pyrene	0.195	95% KM (t) UCL	0.195	95% KM (t) UCL
Benzo(b)fluoranthene	0.0964	95% KM (BCA) UCL	0.096	95% KM (BCA) UCL
Benzo(b/k)fluoranthene	0.605	95% KM (t) UCL	0.605	95% KM (t) UCL
bis(2-Ethylhexyl) phthalate	4.298	95% KM (t) UCL	4.298	95% KM (t) UCL
Chromium	5.756	95% Approximate Gamma UCL	5.756	95% Approximate Gamma UCL
Dibenzo(a,h)anthracene	0.0111	95% KM (t) UCL	0.0111	95% KM (t) UCL
Indeno(1,2,3-cd)pyrene	0.051	95% KM (t) UCL	0.051	95% KM (t) UCL
Iron	8657	95% Chebyshev (Mean, Sd) UCL	8657	95% Chebyshev (Mean, Sd) UCL
Lead	54.74	95% KM (BCA) UCL	54.74	95% KM (BCA) UCL
Mercury	12.6	99% KM (Chebyshev) UCL	12.57	97.5% KM (Chebyshev) UCL
Vanadium	10.39	95% KM (BCA) UCL	10.61	95% KM (BCA) UCL
Quad 2				
Aroclor-1221	0.27	maximum detected concentration [1]	3.457	95% KM (t) UCL
Aroclor-1254	0.862	95% KM (BCA) UCL	1.376	95% KM (Chebyshev) UCL
Aroclor-1260	1.218	95% KM (t) UCL	1.128	95% KM (t) UCL
Aroclor-1268	5.218	95% KM (Chebyshev) UCL	10.1	95% KM (Chebyshev) UCL
Arsenic	1.592	95% KM (t) UCL	1.592	95% KM (t) UCL
Benzo(a)anthracene	0.263	95% KM (t) UCL	0.208	95% KM (BCA) UCL
Benzo(a)pyrene	0.28	95% KM (t) UCL	0.211	95% KM (BCA) UCL
Benzo(b)fluoranthene	0.14	95% KM (t) UCL	0.199	95% KM (Chebyshev) UCL
Benzo(b/k)fluoranthene	0.398	95% KM (t) UCL	0.398	95% KM (t) UCL
Carbazole	0.046	maximum detected concentration [1]	0.046	maximum detected concentration [1]
Chromium	7.741	95% Approximate Gamma UCL	7.741	95% Approximate Gamma UCL
Dibenzo(a,h)anthracene	0.15	95% KM (t) UCL	0.171	95% KM (BCA) UCL
Indeno(1,2,3-cd)pyrene	0.238	95% KM (t) UCL	0.189	95% KM (BCA) UCL
Iron	6603	95% Approximate Gamma UCL	6603	95% Approximate Gamma UCL
Mercury	9.427	95% KM (Chebyshev) UCL	3.984	95% KM (Chebyshev) UCL
Quad 3				
1,1,2,2-Tetrachloroethane	NA	All non-detects [2]	0.0286	95% KM (t) UCL
1,2,4-Trimethylbenzene	3.123	95% KM (Chebyshev) UCL	3.367	97.5% KM (Chebyshev) UCL
1,4-Dichlorobenzene	NA	All non-detects [2]	0.0296	95% KM (t) UCL
1-Methyl Naphthalene	2.11	95% KM (t) UCL	2.11	95% KM (t) UCL
2-Methylnaphthalene	2.744	95% KM (Chebyshev) UCL	2.744	97.5% KM (Chebyshev) UCL
4,6-Dinitro-2-methylphenol	32	maximum detected concentration [1]	32	maximum detected concentration [1]
Aluminum	12427	95% Chebyshev (Mean, Sd) UCL	12427	95% Chebyshev (Mean, Sd) UCL
Antimony	4.655	95% KM (t) UCL	4.655	95% KM (t) UCL
Aroclor 1016	NA	All non-detects [2]	2.211	95% KM (t) UCL
Aroclor-1254	1.134	95% KM (t) UCL	1.785	95% KM (Chebyshev) UCL
Aroclor-1260	0.407	95% KM (t) UCL	0.731	95% KM (BCA) UCL
Aroclor-1268	1.427	95% KM (t) UCL	2.231	95% KM (Chebyshev) UCL
Arsenic	8.584	95% KM (Chebyshev) UCL	8.584	95% KM (Chebyshev) UCL
Benzene	0.014	95% KM (Chebyshev) UCL	0.0613	95% KM (BCA) UCL
Benzo(a)anthracene	0.372	95% KM (t) UCL	0.588	95% KM (Chebyshev) UCL
Benzo(a)pyrene	0.172	95% KM (t) UCL	0.291	95% KM (Chebyshev) UCL
Benzo(b)fluoranthene	0.34	95% KM (t) UCL	0.484	95% KM (Chebyshev) UCL

Table 10 Exposure Point Concentrations - Surface Soil

Chemical	EPC (mg/kg)	Recommended UCL Method Without TEG	EPC (mg/kg)	Recommended UCL Method With TEG
Benzo(k)fluoranthene	0.152	95% KM (t) UCL	0.261	95% KM (Chebyshev) UCL
bis(2-Chloroethyl) ether	NA	All non-detects[2]	NA	All non-detects[2]
Carbazole	0.0474	95% KM (t) UCL	0.0474	95% KM (t) UCL
Chromium	7.627	95% KM (t) UCL	7.627	95% KM (t) UCL
Dibenz[a,h]anthracene	0.146	95% KM (t) UCL	0.297	95% KM (Chebyshev) UCL
Dibromochloromethane	4.8	maximum detected concentration [1]	0.152	95% KM (BCA) UCL
Dichloromethane (Methylene chloride)	0.0136	95% KM (t) UCL	0.227	95% KM (Chebyshev) UCL
Ethyl benzene	0.107	95% KM (t) UCL	3.839	95% KM (Chebyshev) UCL
Indeno(1,2,3-cd)pyrene	0.17	95% KM (t) UCL	0.312	95% KM (Chebyshev) UCL
Iron	11105	Use 95% Student's-t UCL	11105	95% Student's-t UCL
Lead	339.7	95% KM (Chebyshev) UCL	323.6	95% KM (Chebyshev) UCL
Mercury	4.008	95% KM (Chebyshev) UCL	3.798	95% KM (Chebyshev) UCL
Naphthalene	1.289	95% KM (Chebyshev) UCL	3.552	97.5% KM (Chebyshev) UCL
n-Butylbenzene	2.959	97.5% KM (Chebyshev) UCL	4.03	95% KM (Chebyshev) UCL
n-Propylbenzene	1.578	95% KM (Chebyshev) UCL	1.334	95% KM (Chebyshev) UCL
Vanadium	33.66	95% Approximate Gamma UCL	33.66	95% Approximate Gamma UCL
Quad 4				
1,2,4-Trimethylbenzene	0.175	95% KM (t) UCL	0.0673	95% KM (BCA) UCL
1-Methyl Naphthalene	0.524	95% KM (t) UCL	0.524	95% KM (t) UCL
Aluminum	3037	95% Student's-t UCL	3037	95% Student's-t UCL
Antimony	11.77	99% KM (Chebyshev) UCL	11.77	99% KM (Chebyshev) UCL
Aroclor-1254	0.246	95% KM (t) UCL	2.533	95% KM (Chebyshev) UCL
Aroclor-1260	6.759	Calculated using 1/2 DL[3]	7.447	95% KM (t) UCL
Aroclor-1268	9.13	95% KM (Chebyshev) UCL	6.283	95% KM (Chebyshev) UCL
Arsenic	1.176	95% KM (t) UCL	1.176	95% KM (t) UCL
Benzo(a)anthracene	1.781	97.5% KM (Chebyshev) UCL	0.888	95% KM (Chebyshev) UCL
Benzo(a)pyrene	0.614	95% KM (t) UCL	0.868	95% KM (Chebyshev) UCL
Benzo(b)fluoranthene	0.505	95% KM (t) UCL	0.73	95% KM (Chebyshev) UCL
Benzo(k)fluoranthene	0.404	97.5% KM (Chebyshev) UCL	0.544	95% KM (Chebyshev) UCL
Chloroform	0.0118	95% KM (t) UCL	0.0266	95% KM (BCA) UCL
Chromium	19.75	95% Chebyshev (Mean, Sd) UCL	19.75	95% Chebyshev (Mean, Sd) UCL
Chrysene	2.508	97.5% KM (Chebyshev) UCL	1.987	95% KM (Chebyshev) UCL
Cobalt	0.787	95% KM (BCA) UCL	0.823	95% KM (BCA) UCL
Dibenzo(a,h)anthracene	0.471	97.5% KM (Chebyshev) UCL	0.531	95% KM (Chebyshev) UCL
Indeno(1,2,3-cd)pyrene	0.57	97.5% KM (Chebyshev) UCL	0.545	95% KM (Chebyshev) UCL
Iron	5852	95% H-UCL	5852	95% H-UCL
Lead	253	95% KM (Chebyshev) UCL	186.2	97.5% KM (Chebyshev) UCL
Manganese	29.38	95% Approximate Gamma UCL	29.38	95% Approximate Gamma UCL
Mercury	8.775	95% KM (Chebyshev) UCL	5.571	95% KM (Chebyshev) UCL
Naphthalene	0.0559	95% KM (t) UCL	0.618	95% KM (Chebyshev) UCL
n-Butylbenzene	0.355	95% KM (BCA) UCL	0.0852	95% KM (BCA) UCL
Tetrachloroethene	0.00318	95% KM (Percentile Bootstrap) UCL	0.022	95% KM (BCA) UCL
Vanadium	6.4	95% KM (Percentile Bootstrap) UCL	6.32	95% KM (Percentile Bootstrap) UCL
Zinc	2105	99% KM (Chebyshev) UCL	2105	99% KM (Chebyshev) UCL

Notes:

(1) Where there was insufficient data for UCL calculations, the maximum detected concentration was used for an EPC

(2) Constituent identified as a COPC based on screening data from a comprehensive dataset from samples collected from the upper 5 ft of soil; all of the detected concentrations in that dataset were from samples below 2 ft.

(3) The EPC for Aroclor 1260 in Quadrant 4 was calculated using 1/2 the detection limit. The EPC using the full detection limit was 7.534 mg/kg.

Table 11
Exposure Point Concentrations - Subsurface Soil

Chemical	EPC (mg/kg)	Recommended UCL Method Without TEG	EPC (mg/kg)	Recommended UCL Method With TEG
OTF				
Arsenic	1.7	maximum detected concentration [1]		
Benzo(a)anthracene	0.232	95% KM (t) UCL		
Benzo(a)pyrene	0.312	95% KM (t) UCL		
Benzo(b)fluoranthene	0.449	95% KM (t) UCL	**No Samples from the OTF Area Were Analyzed by the TEG Laboratory**	
Chromium	5	maximum detected concentration [1]		
Dibenzo(a,h)anthracene	0.32	95% KM (BCA) UCL		
Lead	394.7	95% KM (BCA) UCL		
Mercury	0.331	95% KM (t) UCL		
Quad 1				
Aroclor-1260	0.124	95% KM (t) UCL	0.497	95% KM (BCA) UCL
Aroclor-1268	0.127	95% KM (t) UCL	1.768	95% KM (Chebyshev) UCL
Arsenic	1.094	95% KM (t) UCL	1.08	95% KM (% Bootstrap) UCL
Benzo(a)anthracene	0.171	95% KM (t) UCL	0.171	95% KM (t) UCL
Benzo(a)pyrene	0.143	95% KM (t) UCL	0.143	95% KM (t) UCL
Benzo(b)fluoranthene	0.104	95% KM (t) UCL	0.104	95% KM (t) UCL
Benzo(b/k)fluoranthene	0.413	95% KM (t) UCL	0.413	95% KM (t) UCL
bis(2-Ethylhexyl) phthalate	2.57	95% KM (t) UCL	2.57	95% KM (t) UCL
Chromium	4.98	95% Student's-t UCL	4.98	95% KM (Chebyshev) UCL
Dibenzo(a,h)anthracene	0.0175	95% KM (t) UCL	0.0175	95% KM (t) UCL
Indeno(1,2,3-cd)pyrene	0.0741	95% KM (t) UCL	0.0741	95% KM (t) UCL
Iron	6198	95% Chebyshev (Mean, Sd) UCL	6198	95% Chebyshev (Mean, Sd) UCL
Lead	76.52	95% KM (BCA) UCL	76.52	95% KM (BCA) UCL
Mercury	5.478	97.5% KM (Chebyshev) UCL	5.541	97.5% KM (Chebyshev) UCL
Vanadium	7.829	95% KM (Percentile Bootstrap) UCL	7.845	95% KM (% Bootstrap) UCL
Quad 2				
Aroclor-1221	0.27	maximum detected concentration [1]	2.977	95% KM (t) UCL
Aroclor-1254	0.636	95% KM (BCA) UCL	1.204	95% KM (Chebyshev) UCL
Aroclor-1260	1.214	95% KM (t) UCL	1.122	95% KM (t) UCL
Aroclor-1268	2.94	95% KM (BCA) UCL	9.253	97.5% KM (Chebyshev) UCL
Arsenic	1.256	95% KM (t) UCL	1.256	95% KM (t) UCL
Benzo(a)anthracene	0.221	95% KM (t) UCL	0.2	95% KM (BCA) UCL
Benzo(a)pyrene	0.226	95% KM (t) UCL	0.203	95% KM (BCA) UCL
Benzo(b)fluoranthene	0.12	95% KM (t) UCL	0.18	95% KM (BCA) UCL
Benzo(b/k)fluoranthene	0.33	95% KM (t) UCL	0.33	95% KM (t) UCL
Carbazole	0.046	maximum detected concentration [1]	0.046	maximum detected concentration [1]
Chromium	5.48	95% Approximate Gamma UCL	5.48	95% Approximate Gamma UCL
Dibenzo(a,h)anthracene	0.148	95% KM (t) UCL	0.171	95% KM (t) UCL
Indeno(1,2,3-cd)pyrene	0.222	95% KM (t) UCL	0.185	95% KM (BCA) UCL
Iron	3452	95% Approximate Gamma UCL	3452	95% Approximate Gamma UCL
Mercury	3.759	95% KM (BCA) UCL	3.038	95% KM (Chebyshev) UCL
Quad 3				
1,1,2,2-Tetrachloroethane	0.0839	95% KM (t) UCL	0.0447	95% KM (t) UCL
1,2,4-Trimethylbenzene	7.144	97.5% KM (Chebyshev) UCL	7.034	97.5% KM (Chebyshev) UCL
1,4-Dichlorobenzene	1.515	97.5% KM (Chebyshev) UCL	0.198	95% KM (BCA) UCL
1-Methyl Naphthalene	3.541	95% KM (t) UCL	3.532	95% KM (t) UCL
2-Methylnaphthalene	3.104	95% KM (t) UCL	3.084	95% KM (t) UCL
4,6-Dinitro-2-methylphenol	8.664	99% KM (Chebyshev) UCL	8.811	99% KM (Chebyshev) UCL
Aluminum	6312	95% Chebyshev (Mean, Sd) UCL	6382	Use 95% Chebyshev (Mean, Sd) UCL
Antimony	3.236	97.5% KM (Chebyshev) UCL	3.377	97.5% KM (Chebyshev) UCL
Aroclor-1016	0.0638	95% KM (Chebyshev) UCL	0.581	95% KM (t) UCL
Aroclor-1254	1.047	95% KM (Chebyshev) UCL	1.144	95% KM (BCA) UCL
Aroclor-1260	0.21	95% KM (t) UCL	0.737	95% KM (BCA) UCL
Aroclor-1268	0.847	95% KM (t) UCL	1.578	95% KM (Chebyshev) UCL
Arsenic	3.093	95% KM (BCA) UCL	3.051	95% KM (t) UCL
Benzene	0.211	95% KM (t) UCL	0.376	95% KM (Chebyshev) UCL
Benzo(a)anthracene	0.239	95% KM (t) UCL	2.136	95% KM (Chebyshev) UCL
Benzo(a)pyrene	0.222	97.5% KM (Chebyshev) UCL	1.943	95% KM (Chebyshev) UCL
Benzo(b)fluoranthene	0.194	95% KM (t) UCL	0.861	95% KM (Chebyshev) UCL

Table 11
Exposure Point Concentrations - Subsurface Soil

Chemical	EPC (mg/kg)	Recommended UCL Method Without TEG	EPC (mg/kg)	Recommended UCL Method With TEG
Benzo(k)fluoranthene	0.106	95% KM (t) UCL	0.813	95% KM (Chebyshev) UCL
bis(2-Chloroethyl) ether	0.38	maximum detected concentration [1]	0.38	maximum detected concentration [1]
Carbazole	0.0551	95% KM (t) UCL	0.0552	95% KM (t) UCL
Chromium	5.132	95% KM (BCA) UCL	5.18	95% KM (BCA) UCL
Dibenzo(a,h)anthracene	0.0807	95% KM (t) UCL	0.245	95% KM (Chebyshev) UCL
Dibromochloromethane	0.125	95% KM (t) UCL	0.0767	95% KM (t) UCL
Dichloromethane (Methylene chloride)	0.461	97.5% KM (Chebyshev) UCL	0.459	97.5% KM (Chebyshev) UCL
Ethyl benzene	0.549	95% KM (t) UCL	3.504	97.5% KM (Chebyshev) UCL
Indeno(1,2,3-cd)pyrene	0.162	97.5% KM (Chebyshev) UCL	0.198	95% KM (BCA) UCL
Iron	8275	95% Approximate Gamma UCL	8533	95% Approximate Gamma UCL
Lead	223.5	95% KM (Chebyshev) UCL	208.1	95% KM (Chebyshev) UCL
Mercury	2.629	95% KM (Chebyshev) UCL	2.443	95% KM (Chebyshev) UCL
Naphthalene	0.935	95% KM (t) UCL	6.152	97.5% KM (Chebyshev) UCL
n-Butylbenzene	3.169	95% KM (t) UCL	6.023	97.5% KM (Chebyshev) UCL
n-Propylbenzene	1.459	95% KM (t) UCL	2.224	97.5% KM (Chebyshev) UCL
Vanadium	39.8	97.5% KM (Chebyshev) UCL	40.71	97.5% KM (Chebyshev) UCL
Quad 4				
1,2,4-Trimethylbenzene	0.762	97.5% KM (Chebyshev) UCL	0.134	95% KM (Chebyshev) UCL
1-Methyl Naphthalene	1.513	95% KM (BCA) UCL	1.312	95% KM (t) UCL
Aluminum	8475	95% Chebyshev (Mean, Sd) UCL	6250	5% Chebyshev (Mean, Sd) UCL
Antimony	7.074	99% KM (Chebyshev) UCL	7.074	99% KM (Chebyshev) UCL
Aroclor-1254	0.21	95% KM (t) UCL	1.847	95% KM (Chebyshev) UCL
Aroclor-1260	4.699	Calculated using 1/2 DL [2]	4.377	95% KM (t) UCL
Aroclor-1268	6.867	97.5% KM (Chebyshev) UCL	5.164	95% KM (Chebyshev) UCL
Arsenic	2.669	95% KM (BCA) UCL	2.149	95% KM (BCA) UCL
Benzo(a)anthracene	0.569	95% KM (t) UCL	1.564	95% KM (Chebyshev) UCL
Benzo(a)pyrene	0.436	95% KM (t) UCL	0.985	95% KM (Chebyshev) UCL
Benzo(b)fluoranthene	0.362	95% KM (t) UCL	0.78	95% KM (Chebyshev) UCL
Benzo(k)fluoranthene	0.184	95% KM (t) UCL	0.73	95% KM (Chebyshev) UCL
Chloroform	0.0247	95% KM (t) UCL	0.0407	95% KM (BCA) UCL
Chromium	16.78	95% KM (Chebyshev) UCL	14.94	95% KM (Chebyshev) UCL
Chrysene	0.688	95% KM (t) UCL	2.265	95% KM (Chebyshev) UCL
Cobalt	0.543	95% KM (BCA) UCL	0.511	95% KM (BCA) UCL
Dibenzo(a,h)anthracene	0.254	97.5% KM (Chebyshev) UCL	0.688	95% KM (Chebyshev) UCL
Indeno(1,2,3-cd)pyrene	0.166	95% KM (t) UCL	0.531	95% KM (Chebyshev) UCL
Iron	6880	95% H-UCL	5153	97.5% KM (Chebyshev) UCL
Lead	191.9	97.5% KM (Chebyshev) UCL	147.5	97.5% KM (Chebyshev) UCL
Manganese	140.6	97.5% KM (Chebyshev) UCL	88.26	97.5% KM (Chebyshev) UCL
Mercury	8.927	97.5% KM (Chebyshev) UCL	4.936	95% KM (Chebyshev) UCL
Naphthalene	0.258	95% KM (t) UCL	3.447	97.5% KM (Chebyshev) UCL
n-Butylbenzene	1.996	95% KM (Chebyshev) UCL	0.723	95% KM (Chebyshev) UCL
Tetrachloroethene	0.0283	95% KM (t) UCL	0.0371	95% KM (BCA) UCL
Vanadium	23.55	97.5% KM (Chebyshev) UCL	8.954	95% KM (BCA) UCL
Zinc	1149	99% KM (Chebyshev) UCL	1177	99% KM (Chebyshev) UCL

Notes:
(1) Where there was insufficient data for UCL calculations, the maximum detected concentration was used for an EPC
(2) The EPC for Aroclor 1260 in Quadrant 4 was calculated using 1/2 the detection limit. The EPC using the full detection limit was 5.512 mg/kg

Table 12
Adult Lead Model Parameters

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 6/21/09 **EDIT RED CELLS**

Variable	Description of Variable	Units	GSDi and PbBo from Analysis of NHANES 1999-2004	GSDi and PbBo from Analysis of NHANES III (Phases 1&2)
PbS	Soil lead concentration	ug/g or ppm	2240	1235
$R_{fetal/maternal}$	Fetal/maternal PbB ratio	--	0.9	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4	0.4
GSD_i	Geometric standard deviation PbB	--	1.8	2.1
PbB_0	Baseline PbB	ug/dL	1.0	1.5
IR_S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.050	0.050
IR_{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--	--
W_S	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--	--
K_{SD}	Mass fraction of soil in dust	--	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	219	219
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	365	365
PbB_{adult}	**PbB of adult worker, geometric mean**	**ug/dL**	**4.2**	**3.3**
$PbB_{fetal,\ 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	10.0	10.0
PbB_t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	**10.0**	**10.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**	**%**	**5.0%**	**5.0%**

Table 13
Toxicity Values for Constituents of Potential Concern

Analyte	Surrogate / Form	CAS No.	Oral CSF (mg/kg/day)$^{-1}$	Inhalation UR (ug/m^3)$^{-1}$	Dermal CSF (mg/kg/day)$^{-1}$	Oral RfD (mg/kg/day)	Inhalation RfC (mg/m^3)$^{-1}$	Dermal RfD (mg/kg/day)	GI ABS (unitless)	Dermal ABS (unitless)	PEF (m^3/kg)	VF (m^3/kg)
1,1,2,2-Tetrachloroethane		79345	2.00E-01	0.000058	2.00E-01	2.00E-02		2.00E-02	1	0	1.36E+09	1.63E+04
1,2,4-Trimethylbenzene		95636					7.00E-03		1	0	1.36E+09	8.52E+03
1,4-Dichlorobenzene		106467	5.40E-03	1.10E-05	5.40E-03	7.00E-02	8.00E-01	7.00E-02	1	0	1.36E+09	1.12E+04
1-Methylnaphthalene		90120	2.90E-02		2.90E-02	7.00E-02		7.00E-02	1	0	1.36E+09	6.31E+04
2-Methylnaphthalene		91576				4.00E-03		4.00E-03	1	0	1.36E+09	6.24E+04
4,6-Dinitro-2-methylphenol		534521				8.00E-05		8.00E-05	1	0.1	1.36E+09	
Aluminum		7429905				1.00E+00	5.00E-03	1.00E+00	1	0	1.36E+09	
Antimony	Metallic	7440360				5.00E-04		7.50E-05	0.15	0	1.36E+09	
Aroclor 1016		12674112	7.00E-02	2.00E-05	7.00E-02	7.00E-05		7.00E-05	1	0.14	1.36E+09	
Aroclor 1221 - High Risk		11104282	2.00E+00	5.70E-04	2.00E+00	2.00E-05		2.00E-05	1	0.14	1.36E+09	9.16E+04
Aroclor 1254 - High Risk		11097691	2.00E+00	5.70E-04	2.00E+00	2.00E-05		2.00E-05	1	0.14	1.36E+09	
Aroclor 1260 - High Risk		11096825	2.00E+00	5.70E-04	2.00E+00	2.00E-05		2.00E-05	1	0.14	1.36E+09	
Aroclor 1268 - High Risk	Ar-1254 CSF/RfD	11100144	2.00E+00	5.70E-04	2.00E+00	2.00E-05		2.00E-05	1	0.14	1.36E+09	
Aroclor 1268 - 1016 RfD	Ar-1254 CSF/Ar-1016 RfD	11100144	2.00E+00	5.70E-04	2.00E+00	7.00E-05		7.00E-05	1	0.14	1.36E+09	
Arsenic	Inorganic	7440382	1.50E+00	4.30E-03	1.50E+00	3.00E-04	1.50E-05	3.00E-04	1	0.03	1.36E+09	
Benzene		71432	5.50E-02	7.80E-06	5.50E-02	4.00E-03	3.00E-02	4.00E-03	1	0	1.36E+09	3.81E+03
Benz[a]anthracene		56553	7.30E-01	1.10E-04	7.30E-01				1	0.13	1.36E+09	
Benzo[a]pyrene		50328	7.30E+00	1.10E-03	7.30E+00				1	0.13	1.36E+09	
Benzo[b]fluoranthene		205992	7.30E-01	1.10E-04	7.30E-01				1	0.13	1.36E+09	
Benzo[b/k]fluoranthene	Benzo(b)fluoranthene	NA	7.30E-02	1.10E-04	7.30E-02				1	0.13	1.36E+09	
bis(2-Chloroethyl) ether		111444	1.10E+00	3.30E-04	1.10E+00				1	0	1.36E+09	4.58E+04
Bis(2-ethylhexyl)phthalate		117817	1.40E-02	2.40E-06	1.40E-02	2.00E-02		2.00E-02	1	0.1	1.36E+09	
Carbazole [(1)]		86748	2.00E-02		2.00E-02				1	0.01	1.36E+09	
Chromium	Hexavalent	18540299	5.00E-01	8.40E-02	2.00E+01	3.00E-03	1.00E-04	7.50E-05	0.025	0	1.36E+09	
Dibenz[a,h]anthracene		53703	7.30E+00	1.20E-03	7.30E+00				1	0.13	1.36E+09	
Dibromochloromethane		124481	8.40E-02	2.70E-05	8.40E-02	2.00E-02		2.00E-02	1	0.1	1.36E+09	8.55E+03
Ethylbenzene		100414	1.10E-02	2.50E-06	1.10E-02	1.00E-01	1.00E+00	1.00E-01	1	0	1.36E+09	6.10E+03
Indeno[1,2,3-cd]pyrene		193395	7.30E-01	1.10E-04	7.30E-01				1	0.13	1.36E+09	
Iron		7439896				7.00E-01		7.00E-01	1	0	1.36E+09	
Mercury	Inorganic Salts	7487947				3.00E-04		2.10E-05	0.07	0	1.36E+09	
Methylene Chloride		75092	7.50E-03	4.70E-07	7.50E-03	6.00E-02	1.00E+00	6.00E-02	1	0	1.36E+09	2.36E+03
Naphthalene		91203		3.40E-05		2.00E-02	3.00E-03	2.00E-02	1	0.13	1.36E+09	4.99E+04
n-Butylbenzene	Ethylbenzene	104518	1.10E-02	2.50E-06	1.10E-02	1.00E-01	1.00E+00	1.00E-01	1	0	1.36E+09	6.10E+03
n-Propylbenzene	Ethylbenzene	103651	1.10E-02	2.50E-06	1.10E-02	1.00E-01	1.00E+00	1.00E-01	1	0	1.36E+09	6.10E+03
Tetrachloroethene		127184	5.40E-01	5.90E-06	5.40E-01	1.00E-02	2.70E-01	1.00E-02	1	0	1.36E+09	
Vanadium	Compounds	7440622				5.00E-03		5.00E-03	1	0	1.36E+09	
Zinc	Metallic	7440666				3.00E-01		3.00E-01	1	0	1.36E+09	

Notes:
Values taken from November 2010 version of the USEPA Regional Screening Level Table unless otherwise specified.
(1) Toxicity values for carbazole taken from the Health Effects Assessment Summary Tables (HEAST) (USEPA, 1998).

Table 14A
RME Risk Calculations - Industrial Worker - OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	5.0E-03	8.0E-07	5.1E-05	1.2E-12	9.9E-04	1.6E-07	0.006	9.6E-07
	Benz[a]anthracene	56553		0.347	2.6E-10		8.0E-08		6.2E-15		6.8E-08		1.5E-07
	Benzo[a]pyrene	50328		0.485	3.6E-10		1.1E-06		8.6E-14		9.6E-07		2.1E-06
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		1.6E-07		1.2E-14		1.4E-07		3.0E-07
	Chromium	18540299		5	3.7E-09	1.5E-03	7.9E-07	2.3E-05	6.8E-11	0E+00	0E+00	0.001	7.9E-07
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		7.3E-07		6.2E-14		6.3E-07		1.4E-06
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	1.4E-03				0E+00		0.001	
	Total					7.9E-03	3.7E-06	7.4E-05	6.9E-11	9.9E-04	1.9E-06	0.009	5.6E-06

Table 14B
RME Risk Calculations - Industrial Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	7.3E-03	1.0E-07		1.5E-14	6.8E-03	9.6E-08	0.014	2.0E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	1.7E-03	8.6E-08		1.3E-14	1.6E-03	8.0E-08	0.003	1.7E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	6.0E-03	8.6E-08		1.3E-14	5.6E-03	8.0E-08	0.012	1.7E-07
	Arsenic, Inorganic	7440382		1.474	1.1E-09	4.3E-03	7.0E-07	4.5E-05	1.0E-12	8.6E-04	1.4E-07	0.005	8.3E-07
	Benz[a]anthracene	56553		0.213	1.6E-10		4.9E-08		3.8E-15		4.2E-08		9.1E-08
	Benzo[a]pyrene	50328		0.195	1.4E-10		4.5E-07		3.5E-14		3.8E-07		8.3E-07
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		1.4E-08		1.1E-14		1.2E-08		2.6E-08
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		2.2E-08		1.7E-15		1.9E-08		4.1E-08
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	1.9E-04	1.9E-08		1.7E-15	1.2E-04	1.2E-08	0.000314	3.1E-08
	Chromium	18540299		5.756	4.2E-09	1.7E-03	9.1E-07	2.6E-05	7.8E-11	0E+00	0E+00	0.002	9.1E-07
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		2.5E-08		2.2E-15		2.2E-08		4.7E-08
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.2E-08		9.1E-16		1.0E-08		2.2E-08
	Iron	7439896		8657	6.4E-06	1.1E-02				0E+00		0.011	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	3.7E-02				0E+00		0.037	
	Vanadium	7440622		10.39	7.6E-09	1.8E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					6.5E-02	2.4E-06	7.1E-05	7.9E-11	9.3E-03	8.2E-07	0.07	3.2E-06
	Total (High Aroclor-1268)					6.9E-02	2.4E-06	7.1E-05	7.9E-11	1.3E-02	8.2E-07	0.08	3.2E-06

Table 14C
RME Risk Calculations - Industrial Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	1.2E-02	1.7E-07		3.7E-10	1.1E-02	1.6E-07	0.023	3.3E-07
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	3.8E-02	5.4E-07		8.0E-14	3.5E-02	5.0E-07	0.073	1.0E-06
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	5.4E-02	7.7E-07		1.1E-13	5.0E-02	7.1E-07	0.10	1.5E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	6.6E-02	3.3E-06		4.8E-13	6.1E-02	3.0E-06	0.13	6.3E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	2.3E-01	3.3E-06		4.8E-13	2.1E-01	3.0E-06	0.44	6.3E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	4.7E-03	7.5E-07	4.8E-05	1.1E-12	9.3E-04	1.5E-07	0.006	9.0E-07
	Benz[a]anthracene	56553		0.263	1.9E-10		6.0E-08		4.7E-15		5.2E-08		1.1E-07
	Benzo[a]pyrene	50328		0.28	2.1E-10		6.4E-07		5.0E-14		5.5E-07		1.2E-06
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		9.1E-09		7.1E-15		7.8E-09		1.7E-08
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		3.2E-08		2.5E-15		2.8E-08		6.0E-08
	Carbazole	86748		0.046	3.4E-11		2.9E-10				1.9E-11		3.1E-10
	Chromium	18540299		7.741	5.7E-09	2.3E-03	1.2E-06	3.5E-05	1.1E-10	0E+00	0E+00	0.002	1.2E-06
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		3.4E-07		2.9E-14		3.0E-07		6.4E-07
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		5.5E-08		4.2E-15		4.7E-08		1.0E-07
	Iron	7439896		6603	4.9E-06	8.3E-03				0E+00		0.008	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	2.8E-02				0E+00		0.028	
	Total (Low Aroclor-1268)					2.1E-01	7.9E-06	8.3E-05	4.8E-10	1.6E-01	5.5E-06	0.37	1.3E-05
	Total (High Aroclor-1268)					3.8E-01	7.9E-06	8.3E-05	4.8E-10	3.1E-01	5.5E-06	0.69	1.3E-05

Table 14D

RME Risk Calculations - Industrial Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		12427	9.1E-06	1.1E-02		1.1E-03		0E+00		0.012	
	Antimony	7440360		4.655	3.4E-09	1.0E-02				0E+00		0.010	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	5.0E-02	7.1E-07		1.0E-13	4.6E-02	6.6E-07	0.096	1.4E-06
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	1.8E-02	2.6E-07		3.8E-14	1.7E-02	2.4E-07	0.034	4.9E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	1.8E-02	9.0E-07		1.3E-13	1.7E-02	8.3E-07	0.035	1.7E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	6.3E-02	9.0E-07		1.3E-13	5.8E-02	8.3E-07	0.12	1.7E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	2.5E-02	4.0E-06	2.6E-04	6.0E-12	5.0E-03	8.0E-07	0.03	4.9E-06
	Benz[a]anthracene	56553		0.372	2.7E-10		8.5E-08		6.6E-15		7.3E-08		1.6E-07
	Benzene	71432		0.014	3.7E-06	3.1E-06	2.4E-10	7.6E-05	6.3E-12	0E+00	0E+00	0.0001	2.5E-10
	Benzo[a]pyrene	50328		0.172	1.3E-10		3.9E-07		3.1E-14		3.4E-07		7.3E-07
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		7.8E-08		6.1E-15		6.7E-08		1.5E-07
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		3.5E-09		2.7E-15		3.0E-09		6.5E-09
	Carbazole	86748		0.0474	3.5E-11		3.0E-10				2.0E-11		3.2E-10
	Chromium	18540299		7.627	5.6E-09	2.2E-03	1.2E-06	3.5E-05	1.0E-10	0E+00	0E+00	0.002	1.2E-06
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		3.4E-07		2.8E-14		2.9E-07		6.2E-07
	Dibromochloromethane	124481		4.8	5.6E-04	2.1E-04	1.3E-07		3.3E-09	1.4E-04	8.4E-08	0.0004	2.1E-07
	Ethylbenzene	100414		0.107	1.8E-05	9.4E-07	3.7E-10	1.1E-05	9.7E-12	0E+00	0E+00	0.00001	3.8E-10
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		3.9E-08		3.0E-15		3.3E-08		7.3E-08
	Iron	7439896		11105	8.2E-06	1.4E-02				0E+00		0.014	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	1.2E-02				0E+00		0.012	
	Methylene Chloride	75092		0.0136	5.8E-06	2.0E-07	3.2E-11	3.6E-06	6.0E-13	0E+00	0E+00	0.000004	3.3E-11
	Naphthalene	91203		1.289	2.6E-05	5.7E-05		5.3E-03	1.9E-10	4.9E-05		0.005	1.9E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	2.7E-05	1.9E-08			0E+00	0E+00	0.00003	1.9E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	6.0E-04				0E+00		0.001	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	3.5E-01				2.3E-01		0.58	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	2.6E-05	1.0E-08	3.0E-04	2.7E-10	0E+00	0E+00	0.0003	1.1E-08
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	1.4E-05	5.5E-09	1.6E-04	1.4E-10	0E+00	0E+00	0.0002	5.6E-09
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			3.2E-02				0.032	
	Vanadium	7440622		33.66	2.5E-08	5.9E-03				0E+00		0.01	
	Total (Low Aroclor-1268)					5.2E-01	8.2E-06	4.0E-02	4.1E-09	3.2E-01	3.4E-06	0.88	1.2E-05
	Total (High Aroclor-1268)					5.6E-01	8.2E-06	4.0E-02	4.1E-09	3.6E-01	3.4E-06	0.96	1.2E-05

Table 14E
RME Risk Calculations - Industrial Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		3037	2.2E-06	2.7E-03		2.8E-04		0E+00		0.003	
	Antimony	7440360		11.77	8.7E-09	2.6E-02				0E+00		0.026	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	1.1E-02	1.5E-07		2.3E-14	1.0E-02	1.4E-07	0.021	3.0E-07
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	3.0E-01	4.3E-06		6.2E-13	2.7E-01	3.9E-06	0.57	8.2E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	1.1E-01	5.7E-06		8.4E-13	1.1E-01	5.3E-06	0.22	1.1E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	4.0E-01	5.7E-06		8.4E-13	3.7E-01	5.3E-06	0.77	1.1E-05
	Arsenic, Inorganic	7440382		1.176	8.6E-10	3.5E-03	5.5E-07	3.6E-05	8.2E-13	6.8E-04	1.1E-07	0.004	6.6E-07
	Benz[a]anthracene	56553		1.781	1.3E-09		4.1E-07		3.2E-14		3.5E-07		7.6E-07
	Benzo[a]pyrene	50328		0.614	4.5E-10		1.4E-06		1.1E-13		1.2E-06		2.6E-06
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		1.2E-07		9.0E-15		9.9E-08		2.2E-07
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		9.3E-09		7.2E-15		8.0E-09		1.7E-08
	Chloroform	67663		0.0118	4.2E-06	1.0E-06	1.2E-10	2.6E-05	2.1E-11	0E+00	0E+00	0.00003	1.4E-10
	Chromium	18540299		19.75	1.5E-08	5.8E-03	3.1E-06	9.0E-05	2.7E-10	0E+00	0E+00	0.006	3.1E-06
	Chrysene	218019		2.508	1.8E-09		5.8E-09		4.5E-15		4.9E-09		1.1E-08
	Cobalt	7440484		0.787	5.8E-10	2.3E-03		5.9E-05	1.1E-12	0E+00		0.002	1.1E-12
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		1.1E-06		9.1E-14		9.3E-07		2.0E-06
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		1.3E-07		1.0E-14		1.1E-07		2.4E-07
	Iron	7439896		5852	4.3E-06	7.4E-03				0E+00		0.007	
	Manganese	7439965		29.38	2.2E-08	1.8E-04		2.7E-04		0E+00		0.0005	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	2.6E-02				0E+00		0.026	
	Naphthalene	91203		0.0559	1.1E-06	2.5E-06		2.3E-04	8.4E-12	2.1E-06		0.0002	8.4E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	6.6E-06	4.8E-09			0E+00	0E+00	0.00001	4.8E-09
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	3.1E-06	1.2E-09	3.6E-05	3.2E-11	0E+00	0E+00	0.00004	1.3E-09
	Tetrachloroethene	127184		0.00318	2.3E-12	2.8E-07	5.4E-10	5.3E-12	3.0E-18	0E+00	0E+00	0.0000003	5.4E-10
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			1.8E-03				0.002	
	Vanadium	7440622		6.4	4.7E-09	1.1E-03				0E+00		0.001	
	Zinc	7440666		2105	1.5E-06	6.2E-03				0E+00		0.006	
	Total (Low Aroclor-1268)					5.0E-01	1.7E-05	2.8E-03	3.3E-10	3.9E-01	1.2E-05	0.90	2.9E-05
	Total (High Aroclor-1268)					7.9E-01	1.7E-05	2.8E-03	3.3E-10	6.6E-01	1.2E-05	1.45	2.9E-05

Notes:

(1) The EPC for Aroclor 1260 was calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg, and the hazard and risk for this compound are 0.64 and 9.1E-06, respectively. The Total (Low Aroclor-1268) hazard and risk are 0.96 and 3.0E-05, respectively and the Total (High Aroclor-1268) hazard and risk are 1.5 and 3.0E-05, respectively.

Table 15A
CTE Risk Calculations - Industrial Worker - OTF

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	1.2E-03	7.0E-08	5.0E-05	4.1E-13	9.6E-05	5.6E-09	0.001	7.6E-08
	Benz[a]anthracene	56553		0.347	2.6E-10		7.0E-09		2.2E-15		2.4E-09		9.4E-09
	Benzo[a]pyrene	50328		0.485	3.6E-10		9.8E-08		3.0E-14		3.3E-08		1.3E-07
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		1.4E-08		4.3E-15		4.8E-09		1.9E-08
	Chromium	18540299		5	3.7E-09	3.6E-04	6.9E-08	2.2E-05	2.4E-11	0E+00	0E+00	0.0004	6.9E-08
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		6.4E-08		2.2E-14		2.2E-08		8.6E-08
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	3.5E-04				0E+00		0.0003	
	Total					1.92E-03	3.22E-07	7.21E-05	2.43E-11	9.62E-05	6.83E-08	0.002	3.90E-07

Table 15B
CTE Risk Calculations - Industrial Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	1.8E-03	9.1E-09		5.4E-15	6.6E-04	3.4E-09	0.002	1.3E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	4.2E-04	7.5E-09		4.4E-15	1.6E-04	2.8E-09	0.001	1.0E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	1.5E-03	7.5E-09		4.4E-15	5.4E-04	2.8E-09	0.002	1.0E-08
	Arsenic, Inorganic	7440382		1.474	1.1E-09	1.1E-03	6.1E-08	4.3E-05	3.6E-13	8.3E-05	4.8E-09	0.001	6.6E-08
	Benz[a]anthracene	56553		0.213	1.6E-10		4.3E-09		1.3E-15		1.5E-09		5.8E-09
	Benzo[a]pyrene	50328		0.195	1.4E-10		3.9E-08		1.2E-14		1.3E-08		5.3E-08
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		1.2E-09		3.8E-15		4.2E-10		1.6E-09
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		1.9E-09		6.0E-16		6.7E-10		2.6E-09
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	4.6E-05	1.7E-09		5.9E-16	1.2E-05	4.4E-10	0.0001	2.1E-09
	Chromium	18540299		5.756	4.2E-09	4.1E-04	7.9E-08	2.5E-05	2.7E-11	0E+00	0E+00	0.0004	7.9E-08
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		2.2E-09		7.6E-16		7.7E-10		3.0E-09
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.0E-09		3.2E-16		3.5E-10		1.4E-09
	Iron	7439896		8657	6.4E-06	2.7E-03				0E+00		0.003	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	9.0E-03				0E+00		0.009	
	Vanadium	7440622		10.39	7.6E-09	4.5E-04				0E+00		0.0004	
	Total (Low Aroclor-1268)					1.6E-02	2.1E-07	6.9E-05	2.8E-11	9.1E-04	2.9E-08	0.02	2.4E-07
	Total (High Aroclor-1268)					1.7E-02	2.1E-07	6.9E-05	2.8E-11	1.3E-03	2.9E-08	0.02	2.4E-07

Table 15C
CTE Risk Calculations Including TEG Data - Industrial Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	2.9E-03	1.5E-08		1.3E-10	1.1E-03	5.5E-09	0.004	2.1E-08
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	9.2E-03	4.7E-08		2.8E-14	3.4E-03	1.8E-08	0.013	6.5E-08
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	1.3E-02	6.7E-08		3.9E-14	4.8E-03	2.5E-08	0.018	9.2E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	1.6E-02	2.9E-07		1.7E-13	5.9E-03	1.1E-07	0.022	3.9E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	5.6E-02	2.9E-07		1.7E-13	2.1E-02	1.1E-07	0.077	3.9E-07
	Arsenic, Inorganic	7440382		1.592	1.2E-09	1.1E-03	6.6E-08	4.7E-05	3.9E-13	9.0E-05	5.2E-09	0.001	7.1E-08
	Benz[a]anthracene	56553		0.263	1.9E-10		5.3E-09		1.6E-15		1.8E-09		7.1E-09
	Benzo[a]pyrene	50328		0.28	2.1E-10		5.6E-08		1.7E-14		1.9E-08		7.6E-08
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		8.0E-10		2.5E-15		2.7E-10		1.1E-09
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		2.8E-09		8.7E-16		9.7E-10		3.8E-09
	Carbazole	86748		0.046	3.4E-11		2.5E-11				6.7E-13		2.6E-11
	Chromium	18540299		7.741	5.7E-09	5.5E-04	1.1E-07	3.4E-05	3.7E-11	0E+00	0E+00	0.0006	1.1E-07
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		3.0E-08		1.0E-14		1.0E-08		4.1E-08
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		4.8E-09		1.5E-15		1.6E-09		6.4E-09
	Iron	7439896		6603	4.9E-06	2.0E-03				0E+00		0.002	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	6.7E-03				0E+00		0.007	
	Total (Low Aroclor-1268)					5.2E-02	6.9E-07	8.1E-05	1.7E-10	1.5E-02	1.9E-07	0.07	8.8E-07
	Total (High Aroclor-1268)					9.2E-02	6.9E-07	8.1E-05	1.7E-10	3.0E-02	1.9E-07	0.12	8.8E-07

Table 15D
CTE Risk Calculations - Industrial Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		12427	9.1E-06	2.7E-03		1.1E-03		0E+00		0.004	
	Antimony	7440360		4.655	3.4E-09	2.5E-03				0E+00		0.002	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	1.2E-02	6.2E-08		3.7E-14	4.5E-03	2.3E-08	0.017	8.6E-08
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	4.4E-03	2.2E-08		1.3E-14	1.6E-03	8.3E-09	0.006	3.1E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	4.4E-03	7.9E-08		4.6E-14	1.6E-03	2.9E-08	0.006	1.1E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	1.5E-02	7.9E-08		4.6E-14	5.7E-03	2.9E-08	0.021	1.1E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	6.1E-03	3.5E-07	2.5E-04	2.1E-12	4.9E-04	2.8E-08	0.007	3.8E-07
	Benz[a]anthracene	56553		0.372	2.7E-10		7.5E-09		2.3E-15		2.6E-09		1.0E-08
	Benzene	71432		0.014	3.7E-06	7.5E-07	2.1E-11	7.3E-05	2.2E-12	0E+00	0E+00	0.00007	2.3E-11
	Benzo[a]pyrene	50328		0.172	1.3E-10		3.5E-08		1.1E-14		1.2E-08		4.6E-08
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		6.8E-09		2.1E-15		2.3E-09		9.2E-09
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		3.1E-10		9.5E-16		1.0E-10		4.1E-10
	Carbazole	86748		0.0474	3.5E-11		2.6E-11				6.9E-13		2.7E-11
	Chromium	18540299		7.627	5.6E-09	5.4E-04	1.1E-07	3.4E-05	3.6E-11	0E+00	0E+00	0.001	1.1E-07
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		2.9E-08		9.9E-15		1.0E-08		3.9E-08
	Dibromochloromethane	124481		4.8	5.6E-04	5.1E-05	1.1E-08		1.2E-09	1.4E-05	2.9E-09	0.00007	1.5E-08
	Ethylbenzene	100414		0.107	1.8E-05	2.3E-07	3.2E-11	1.1E-05	3.4E-12	0E+00	0E+00	0.00001	3.6E-11
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		3.4E-09		1.1E-15		1.2E-09		4.6E-09
	Iron	7439896		11105	8.2E-06	3.4E-03				0E+00		0.003	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	2.9E-03				0E+00		0.003	
	Methylene Chloride	75092		0.0136	5.8E-06	4.9E-08	2.8E-12	3.5E-06	2.1E-13	0E+00	0E+00	0.000004	3.0E-12
	Naphthalene	91203		1.289	2.6E-05	1.4E-05		5.2E-03	6.8E-11	4.7E-06		0.005	6.8E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	6.5E-06	1.7E-09			0E+00	0E+00	0.000006	1.7E-09
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	1.5E-04				0E+00		0.0001	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	8.6E-02				2.3E-02		0.11	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	6.3E-06	9.0E-10	2.9E-04	9.4E-11	0E+00	0E+00	0.0003	9.9E-10
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	3.4E-06	4.8E-10	1.6E-04	5.0E-11	0E+00	0E+00	0.0002	5.3E-10
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			3.1E-02				0.031	
	Vanadium	7440622		33.66	2.5E-08	1.4E-03				0E+00		0.001	
	Total (Low Aroclor-1268)					1.3E-01	7.2E-07	3.9E-02	1.4E-09	3.1E-02	1.2E-07	0.20	8.4E-07
	Total (High Aroclor-1268)					1.4E-01	7.2E-07	3.9E-02	1.4E-09	3.5E-02	1.2E-07	0.21	8.4E-07

Table 15E
CTE Risk Calculations - Industrial Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		3037	2.2E-06	6.5E-04		2.7E-04		0E+00		0.0009	
	Antimony	7440360		11.77	8.7E-09	6.3E-03				0E+00		0.006	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	2.6E-03	1.4E-08		8.0E-15	9.7E-04	5.0E-09	0.004	1.9E-08
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	7.2E-02	3.7E-07		2.2E-13	2.7E-02	1.4E-07	0.10	5.1E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	2.8E-02	5.0E-07		3.0E-13	1.0E-02	1.9E-07	0.038	6.9E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	9.8E-02	5.0E-07		3.0E-13	3.6E-02	1.9E-07	0.13	6.9E-07
	Arsenic, Inorganic	7440382		1.176	8.6E-10	8.4E-04	4.9E-08	3.5E-05	2.9E-13	6.7E-05	3.8E-09	0.0009	5.2E-08
	Benz[a]anthracene	56553		1.781	1.3E-09		3.6E-08		1.1E-14		1.2E-08		4.8E-08
	Benzo[a]pyrene	50328		0.614	4.5E-10		1.2E-07		3.8E-14		4.2E-08		1.7E-07
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		1.0E-08		3.2E-15		3.5E-09		1.4E-08
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		8.1E-10		2.5E-15		2.8E-10		1.1E-09
	Chloroform	67663		0.0118	4.2E-06	2.5E-07	1.0E-11	2.6E-05	7.4E-12	0E+00	0E+00	0.00003	1.7E-11
	Chromium	18540299		19.75	1.5E-08	1.4E-03	2.7E-07	8.7E-05	9.4E-11	0E+00	0E+00	0.001	2.7E-07
	Chrysene	218019		2.508	1.8E-09		5.0E-10		1.6E-15		1.7E-10		6.8E-10
	Cobalt	7440484		0.787	5.8E-10	5.6E-04		5.8E-05	4.0E-13	0E+00		0.0006	4.0E-13
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		9.5E-08		3.2E-14		3.3E-08		1.3E-07
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		1.1E-08		3.6E-15		3.9E-09		1.5E-08
	Iron	7439896		5852	4.3E-06	1.8E-03				0E+00		0.002	
	Manganese	7439965		29.38	2.2E-08	4.5E-05		2.6E-04		0E+00		0.0003	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	6.3E-03				0E+00		0.006	
	Naphthalene	91203		0.0559	1.1E-06	6.0E-07		2.2E-04	2.9E-12	2.1E-07		0.0002	2.9E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	1.6E-06	4.2E-10			0E+00	0E+00	0.000002	4.2E-10
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	7.6E-07	1.1E-10	3.5E-05	1.1E-11	0E+00	0E+00	0.00004	1.2E-10
	Tetrachloroethene	127184		0.00318	2.3E-12	6.8E-08	4.7E-11	5.2E-12	1.1E-18	0E+00	0E+00	0.00000007	4.7E-11
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			1.8E-03				0.002	
	Vanadium Pentoxide	7440622		6.4	4.7E-09	1.5E-04		4.0E-04	3.0E-12	0E+00		0.001	3.0E-12
	Zinc	7440666		2105	1.5E-06	1.5E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					1.2E-01	1.5E-06	3.2E-03	1.2E-10	3.8E-02	4.3E-07	0.16	1.9E-06
	Total (High Aroclor-1268)					1.9E-01	1.5E-06	3.2E-03	1.2E-10	6.4E-02	4.3E-07	0.26	1.9E-06

Notes:

(1) The EPC for Aroclor 1260 was calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg, aand the hazard and risk for this compound are 0.11 and 5.69E-07, respectively. The Total (Low Aroclor-1268) hazard and risk are 0.17 and 1.97E-06, respectively and the Total (High Aroclor-1268) hazard and risk are 0.27 and 1.97E-06, respectively.

Table 16A
RME Risk Calculations - Excavation Worker - OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	1.9E-02	6.1E-08	5.9E-05	2.7E-14	1.7E-03	5.5E-09	0.021	6.7E-08
	Benz[a]anthracene	56553		0.232	1.7E-10		4.1E-09		9.5E-17		1.6E-09		5.6E-09
	Benzo[a]pyrene	50328		0.312	2.3E-10		5.5E-08		1.3E-15		2.1E-08		7.6E-08
	Benzo[b]fluoranthene	205992		0.449	3.3E-10		7.9E-09		1.8E-16		3.1E-09		1.1E-08
	Chromium	18540299		5	3.7E-09	5.6E-03	6.0E-08	2.6E-05	1.6E-12	0E+00	0E+00	0.006	6.0E-08
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		5.6E-08		1.4E-15		2.2E-08		7.8E-08
	Mercury, Inorganic Salts	7487947		0.331	2.4E-10	3.7E-03				0E+00		0.004	
	Total					2.8E-02	2.4E-07	8.6E-05	1.6E-12	1.7E-03	5.3E-08	0.030	3.0E-07

Table 16B
RME Risk Calculations - Excavation Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1260 - High Risk	11096825		0.124	9.1E-11	2.1E-02	5.9E-09		2.6E-16	8.7E-03	2.5E-09	0.030	8.4E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.127	9.3E-11	6.1E-03	6.1E-09		2.7E-16	2.6E-03	2.6E-09	0.009	8.7E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.127	9.3E-11	2.1E-02	6.1E-09		2.7E-16	9.0E-03	2.6E-09	0.030	8.7E-09
	Arsenic, Inorganic	7440382		1.094	8.0E-10	1.2E-02	3.9E-08	3.8E-05	1.8E-14	1.1E-03	3.5E-09	0.013	4.3E-08
	Benz[a]anthracene	56553		0.171	1.3E-10		3.0E-09		7.0E-17		1.2E-09		4.2E-09
	Benzo[a]pyrene	50328		0.143	1.1E-10		2.5E-08		5.9E-16		9.8E-09		3.5E-08
	Benzo[b/k]fluoranthene	205992		0.413	3.0E-10		7.2E-10		1.7E-16		2.8E-10		1.0E-09
	Benzo[b]fluoranthene	205992		0.104	7.6E-11		1.8E-09		4.3E-17		7.1E-10		2.5E-09
	Bis(2-ethylhexyl)phthalate	117817		2.57	1.9E-09	4.3E-04	8.6E-10		2.3E-17	1.3E-04	2.6E-10	0.0006	1.1E-09
	Chromium	18540299		4.98	3.7E-09	5.6E-03	6.0E-08	2.6E-05	1.6E-12	0E+00	0E+00	0.006	6.0E-08
	Dibenz[a,h]anthracene	53703		0.0175	1.3E-11		3.1E-09		7.9E-17		1.2E-09		4.3E-09
	Indeno[1,2,3-cd]pyrene	193395		0.0741	5.4E-11		1.3E-09		3.0E-17		5.1E-10		1.8E-09
	Iron	7439896		6198	4.6E-06	3.0E-02				0E+00		0.030	
	Mercury, Inorganic Salts	7487947		5.478	4.0E-09	6.1E-02				0E+00		0.061	
	Vanadium	7440622		7.829	5.8E-09	5.3E-03				0E+00		0.01	
	Total (Low Aroclor-1268)					1.4E-01	1.5E-07	6.4E-05	1.6E-12	1.3E-02	2.2E-08	0.15	1.7E-07
	Total (High Aroclor-1268)					1.6E-01	1.5E-07	6.4E-05	1.6E-12	1.9E-02	2.2E-08	0.18	1.7E-07

Table 16C
RME Risk Calculations - Excavation Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	4.5E-02	1.3E-08		8.5E-12	1.9E-02	5.4E-09	0.064	1.8E-08
	Aroclor 1254 - High Risk	11097691		0.636	4.7E-10	1.1E-01	3.1E-08		1.4E-15	4.5E-02	1.3E-08	0.15	4.3E-08
	Aroclor 1260 - High Risk	11096825		1.214	8.9E-10	2.0E-01	5.8E-08		2.6E-15	8.6E-02	2.4E-08	0.29	8.3E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.94	2.2E-09	1.4E-01	1.4E-07		6.3E-15	5.9E-02	5.9E-08	0.20	2.0E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.94	2.2E-09	4.9E-01	1.4E-07		6.3E-15	2.1E-01	5.9E-08	0.70	2.0E-07
	Arsenic, Inorganic	7440382		1.256	9.2E-10	1.4E-02	4.5E-08	4.4E-05	2.0E-14	1.3E-03	4.1E-09	0.015	4.9E-08
	Benz[a]anthracene	56553		0.221	1.6E-10		3.9E-09		9.1E-17		1.5E-09		5.4E-09
	Benzo[a]pyrene	50328		0.226	1.7E-10		4.0E-08		9.3E-16		1.5E-08		5.5E-08
	Benzo[b/k]fluoranthene	205992		0.33	2.4E-10		5.8E-10		1.4E-16		2.3E-10		8.0E-10
	Benzo[b]fluoranthene	205992		0.12	8.8E-11		2.1E-09		4.9E-17		8.2E-10		2.9E-09
	Carbazole	86748		0.046	3.4E-11		2.2E-11				6.6E-13		2.3E-11
	Chromium	18540299		5.48	4.0E-09	6.1E-03	6.6E-08	2.9E-05	1.7E-12	0E+00	0E+00	0.006	6.6E-08
	Dibenz[a,h]anthracene	53703		0.148	1.1E-10		2.6E-08		6.6E-16		1.0E-08		3.6E-08
	Indeno[1,2,3-cd]pyrene	193395		0.222	1.6E-10		3.9E-09		9.1E-17		1.5E-09		5.4E-09
	Iron	7439896		3452	2.5E-06	1.7E-02				0E+00		0.017	
	Mercury, Inorganic Salts	7487947		3.759	2.8E-09	4.2E-02				0E+00		0.042	
	Total (Low Aroclor-1268)					5.8E-01	4.3E-07	7.3E-05	1.0E-11	2.1E-01	1.4E-07	0.79	5.7E-07
	Total (High Aroclor-1268)					9.3E-01	4.3E-07	7.3E-05	1.0E-11	3.6E-01	1.4E-07	1.29	5.7E-07

Table 16D
RME Risk Calculations - Excavation Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		6312	4.6E-06	2.1E-02		6.6E-04		0E+00		0.022	
	Antimony	7440360		3.236	2.4E-09	2.7E-02				0E+00		0.027	
	Aroclor 1016	12674112		0.0638	4.7E-11	3.1E-03	1.1E-10		4.8E-18	1.3E-03	4.5E-11	0.004	1.5E-10
	Aroclor 1254 - High Risk	11097691		1.047	7.7E-10	1.8E-01	5.0E-08		2.2E-15	7.4E-02	2.1E-08	0.25	7.1E-08
	Aroclor 1260 - High Risk	11096825		0.21	1.5E-10	3.5E-02	1.0E-08		4.5E-16	1.5E-02	4.2E-09	0.050	1.4E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.847	6.2E-10	4.1E-02	4.1E-08		1.8E-15	1.7E-02	1.7E-08	0.058	5.8E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.847	6.2E-10	1.4E-01	4.1E-08		1.8E-15	6.0E-02	1.7E-08	0.20	5.8E-08
	Arsenic, Inorganic	7440382		3.093	2.3E-09	3.5E-02	1.1E-07	1.1E-04	5.0E-14	3.1E-03	1.0E-08	0.038	1.2E-07
	Benz[a]anthracene	56553		0.239	1.8E-10		4.2E-09		9.8E-17		1.6E-09		5.8E-09
	Benzene	71432		0.211	5.5E-05	1.8E-04	2.8E-10	1.3E-03	2.2E-12	0E+00	0E+00	0.001	2.8E-10
	Benzo[a]pyrene	50328		0.222	1.6E-10		3.9E-08		9.1E-16		1.5E-08		5.4E-08
	Benzo[b]fluoranthene	205992		0.194	1.4E-10		3.4E-09		8.0E-17		1.3E-09		4.7E-09
	Benzo[k]fluoranthene	207089		0.106	7.8E-11		1.9E-10		4.4E-17		7.2E-11		2.6E-10
	bis(2-Chloroethyl) ether	111444		0.38	2.8E-10		1.0E-08		4.7E-16		0.0E+00		1.0E-08
	Carbazole	86748		0.0551	4.1E-11		2.6E-11				7.9E-13		2.7E-11
	Chromium	18540299		5.132	3.8E-09	5.7E-03	6.2E-08	2.7E-05	1.6E-12	0E+00	0E+00	0.006	6.2E-08
	Dibenz[a,h]anthracene	53703		0.0807	5.9E-11		1.4E-08		3.6E-16		5.5E-09		2.0E-08
	Dibromochloromethane	124481		0.125	1.5E-05	2.1E-05	2.5E-10		2.0E-12	6.3E-06	7.6E-11	0.00003	3.3E-10
	Dichlorobenzene, 1,4-	106467		1.515	1.4E-04	7.3E-05	2.0E-10	1.2E-04	7.6E-12	0E+00	0E+00	0.0002	2.0E-10
	Ethylbenzene	100414		0.549	9.0E-05	1.8E-05	1.4E-10	6.4E-05	1.1E-12	0E+00	0E+00	0.0001	1.5E-10
	Indeno[1,2,3-cd]pyrene	193395		0.162	1.2E-10		2.8E-09		6.7E-17		1.1E-09		3.9E-09
	Iron	7439896		8275	6.1E-06	4.0E-02				0E+00		0.040	
	Mercury, Inorganic Salts	7487947		2.629	1.9E-09	2.9E-02				0E+00		0.029	
	Methylene Chloride	75092		0.461	2.0E-04	2.6E-05	8.3E-11	1.4E-04	4.7E-13	0E+00	0E+00	0.0002	8.3E-11
	Naphthalene	91203		0.935	1.9E-05	1.6E-04		4.4E-03	3.2E-12	6.1E-05		0.005	3.2E-12
	Naphthalene, 1-Methyl	90120		3.541	5.6E-05	1.7E-04	2.5E-09			0E+00	0E+00	0.0002	2.5E-09
	Naphthalene, 2-Methyl	91576		3.104	5.0E-05	2.6E-03				0E+00		0.003	
	4,6-Dinitro-2-methylphenol	534521		8.664	6.4E-09	3.6E-01				1.1E-01		0.47	
	n-Butylbenzene	104518	Ethylbenzene	3.169	5.2E-04	1.1E-04	8.4E-10	3.7E-04	6.6E-12	0E+00	0E+00	0.0005	8.4E-10
	n-Propylbenzene	103651	Ethylbenzene	1.459	2.4E-04	4.9E-05	3.8E-10	1.7E-04	3.0E-12	0E+00	0E+00	0.0002	3.9E-10
	Tetrachloroethane, 1,1,2,2-	79345		0.0839	6.2E-11	1.4E-05	4.0E-10		1.8E-17	0E+00	0E+00	0.00001	4.0E-10
	Trimethylbenzene, 1,2,4-	95636		7.144	8.4E-04			8.5E-02				0.085	
	Vanadium	7440622		39.8	2.9E-08	2.7E-02				0E+00		0.03	
	Total (Low Aroclor-1268)					8.1E-01	3.5E-07	9.3E-02	2.8E-11	2.2E-01	7.7E-08	1.12	4.3E-07
	Total (High Aroclor-1268)					9.1E-01	3.5E-07	9.3E-02	2.8E-11	2.6E-01	7.7E-08	1.26	4.3E-07

Table 16E
RME Risk Calculations - Excavation Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		8475	6.2E-06	2.8E-02		8.9E-04		0E+00		0.029	
	Antimony	7440360		7.074	5.2E-09	5.9E-02				0E+00		0.059	
	Aroclor 1254 - High Risk	11097691		0.21	1.5E-10	3.5E-02	1.0E-08		4.5E-16	1.5E-02	4.2E-09	0.050	1.4E-08
	Aroclor 1260 - High Risk	11096825	See footote (1)	4.699	3.5E-09	7.9E-01	2.3E-07		1.0E-14	3.3E-01	9.5E-08	1.12	3.2E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.867	5.0E-09	3.3E-01	3.3E-07		1.5E-14	1.4E-01	1.4E-07	0.47	4.7E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.867	5.0E-09	1.2E+00	3.3E-07		1.5E-14	4.8E-01	1.4E-07	1.64	4.7E-07
	Arsenic, Inorganic	7440382		2.669	2.0E-09	3.0E-02	9.6E-08	9.3E-05	4.3E-14	2.7E-03	8.6E-09	0.033	1.0E-07
	Benz[a]anthracene	56553		0.569	4.2E-10		1.0E-08		2.3E-16		3.9E-09		1.4E-08
	Benzo[a]pyrene	50328		0.436	3.2E-10		7.6E-08		1.8E-15		3.0E-08		1.1E-07
	Benzo[b]fluoranthene	205992		0.362	2.7E-10		6.3E-09		1.5E-16		2.5E-09		8.8E-09
	Benzo[k]fluoranthene	207089		0.184	1.4E-10		3.2E-10		7.6E-17		1.3E-10		4.5E-10
	Chloroform	67663		0.0247	8.7E-06	8.3E-06	1.8E-11	6.3E-05	1.0E-12	0E+00	0E+00	0.0001	1.9E-11
	Chromium	18540299		16.78	1.2E-08	1.9E-02	2.0E-07	8.8E-05	5.3E-12	0E+00	0E+00	0.019	2.0E-07
	Chrysene	218019		0.688	5.1E-10		1.2E-10		2.8E-17		4.7E-11		1.7E-10
	Cobalt	7440484		0.543	4.0E-10	6.1E-03		4.7E-05	1.8E-14	0E+00		0.006	1.8E-14
	Dibenz[a,h]anthracene	53703		0.254	1.9E-10		4.4E-08		1.1E-15		1.7E-08		6.2E-08
	Indeno[1,2,3-cd]pyrene	193395		0.166	1.2E-10		2.9E-09		6.8E-17		1.1E-09		4.0E-09
	Iron	7439896		6880	5.1E-06	3.3E-02				0E+00		0.033	
	Manganese	7439965		140.6	1.0E-07	3.4E-03		1.5E-03		0E+00		0.005	
	Mercury, Inorganic Salts	7487947		8.927	6.6E-09	1.0E-01				0E+00		0.10	
	Naphthalene	91203		0.258	5.2E-06	4.3E-05		1.2E-03	8.9E-13	1.7E-05		0.001	8.9E-13
	Naphthalene, 1-Methyl	90120		1.513	2.4E-05	7.3E-05	1.1E-09			0E+00	0E+00	0.0001	1.1E-09
	n-Butylbenzene	104518	Ethylbenzene	1.996	3.3E-04	6.7E-05	5.3E-10	2.3E-04	4.2E-12	0E+00	0E+00	0.0003	5.3E-10
	Tetrachloroethene	127184		0.0283	2.1E-11	9.5E-06	3.7E-10	5.5E-11	6.2E-19	0E+00	0E+00	0.00001	3.7E-10
	Trimethylbenzene, 1,2,4-	95636		0.762	8.9E-05			9.1E-03				0.009	
	Vanadium	7440622		23.55	1.7E-08	1.6E-02				0E+00		0.016	
	Zinc	7440666		1149	8.4E-07	1.3E-02				0E+00		0.013	
	Total (Low Aroclor-1268)					1.5E+00	1.0E-06	1.3E-02	1.1E-11	4.9E-01	3.0E-07	1.96	1.3E-06
	Total (High Aroclor-1268)					2.3E+00	1.0E-06	1.3E-02	1.1E-11	8.3E-01	3.0E-07	3.13	1.3E-06

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 5.512 mg/kg, and the hazard and risk for this compound are 1.31 and 1.43E-08, respectively.

The Total (Low Aroclor-1268) hazard and risk are 2.15 and 1.36E-06, respectively and the Total (High Aroclor-1268) hazard and risk are 3.31 and 1.36E-06, respectively.

Table 17A
CTE Risk Calculations - Evacuation Worker - OTF

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	5.8E-03	8.5E-09	5.9E-05	1.3E-14	3.3E-04	4.9E-10	0.0062	9.0E-09
	Benz[a]anthracene	56553		0.232	1.7E-10		5.7E-10		4.4E-17		1.4E-10		7.1E-10
	Benzo[a]pyrene	50328		0.312	2.3E-10		7.6E-09		5.9E-16		1.9E-09		9.5E-09
	Benzo[b]fluoranthene	205992		0.449	3.3E-10		1.1E-09		8.5E-17		2.7E-10		1.4E-09
	Chromium	18540299		5	3.7E-09	1.7E-03	8.4E-09	2.6E-05	7.2E-13	0E+00	0E+00	0.002	8.4E-09
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		7.8E-09		6.6E-16		1.9E-09		9.7E-09
	Mercury, Inorganic Salts	7487947		0.331	2.4E-10	1.1E-03				0E+00		0.001	
	Total					8.6E-03	3.4E-08	8.6E-05	7.4E-13	3.3E-04	4.7E-09	0.009	3.9E-08

Table 17B
CTE Risk Calculations - Excavation Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1260 - High Risk	11096825		0.124	9.1E-11	6.3E-03	8.3E-10		1.2E-16	1.7E-03	2.2E-10	0.008	1.0E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.127	9.3E-11	1.8E-03	8.5E-10		1.2E-16	4.9E-04	2.3E-10	0.002	1.1E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.127	9.3E-11	6.5E-03	8.5E-10		1.2E-16	1.7E-03	2.3E-10	0.008	1.1E-09
	Arsenic, Inorganic	7440382		1.094	8.0E-10	3.7E-03	5.5E-09	3.8E-05	8.1E-15	2.1E-04	3.1E-10	0.004	5.8E-09
	Benz[a]anthracene	56553		0.171	1.3E-10		4.2E-10		3.2E-17		1.0E-10		5.2E-10
	Benzo[a]pyrene	50328		0.143	1.1E-10		3.5E-09		2.7E-16		8.6E-10		4.4E-09
	Benzo[b/k]fluoranthene	205992		0.413	3.0E-10		1.0E-10		7.8E-17		2.5E-11		1.3E-10
	Benzo[b]fluoranthene	205992		0.104	7.6E-11		2.5E-10		2.0E-17		6.3E-11		3.2E-10
	Bis(2-ethylhexyl)phthalate	117817		2.57	1.9E-09	1.3E-04	1.2E-10		1.1E-17	2E-05	2E-11	0.0002	1.4E-10
	Chromium	18540299		4.98	3.7E-09	1.7E-03	8.3E-09	2.6E-05	7.2E-13	0E+00	0E+00	0.002	8.3E-09
	Dibenz[a,h]anthracene	53703		0.0175	1.3E-11		4.3E-10		3.6E-17		1.1E-10		5.3E-10
	Indeno[1,2,3-cd]pyrene	193395		0.0741	5.4E-11		1.8E-10		1.4E-17		4.5E-11		2.3E-10
	Iron	7439896		6198	4.6E-06	9.0E-03				0E+00		0.009	
	Mercury, Inorganic Salts	7487947		5.478	4.0E-09	1.9E-02				0E+00		0.019	
	Vanadium	7440622		7.829	5.8E-09	1.6E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					4.3E-02	2.0E-08	6.4E-05	7.3E-13	2.4E-03	2.0E-09	0.05	2.2E-08
	Total (High Aroclor-1268)					4.7E-02	2.0E-08	6.4E-05	7.3E-13	3.6E-03	2.0E-09	0.05	2.2E-08

Table 17C
CTE Risk Calculations - Excavation Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	1.4E-02	1.8E-09		3.9E-12	3.7E-03	4.8E-10	0.017	2.3E-09
	Aroclor 1254 - High Risk	11097691		0.636	4.7E-10	3.2E-02	4.3E-09		6.2E-16	8.6E-03	1.1E-09	0.041	5.4E-09
	Aroclor 1260 - High Risk	11096825		1.214	8.9E-10	6.2E-02	8.1E-09		1.2E-15	1.6E-02	2.2E-09	0.078	1.0E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.94	2.2E-09	4.3E-02	2.0E-08		2.9E-15	1.1E-02	5.2E-09	0.054	2.5E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.94	2.2E-09	1.5E-01	2.0E-08		2.9E-15	4.0E-02	5.2E-09	0.19	2.5E-08
	Arsenic, Inorganic	7440382		1.256	9.2E-10	4.3E-03	6.3E-09	4.4E-05	9.3E-15	2.4E-04	3.6E-10	0.005	6.7E-09
	Benz[a]anthracene	56553		0.221	1.6E-10		5.4E-10		4.2E-17		1.3E-10		6.7E-10
	Benzo[a]pyrene	50328		0.226	1.7E-10		5.5E-09		4.3E-16		1.4E-09		6.9E-09
	Benzo[b/k]fluoranthene	205992		0.33	2.4E-10		8.1E-11		6.2E-17		2.0E-11		1.0E-10
	Benzo[b]fluoranthene	205992		0.12	8.8E-11		2.9E-10		2.3E-17		7.2E-11		3.7E-10
	Carbazole	86748		0.046	3.4E-11		3.1E-12				5.8E-14		3.1E-12
	Chromium	18540299		5.48	4.0E-09	1.9E-03	9.2E-09	2.9E-05	7.9E-13			0.002	9.2E-09
	Dibenz[a,h]anthracene	53703		0.148	1.1E-10		3.6E-09		3.1E-16		8.9E-10		4.5E-09
	Indeno[1,2,3-cd]pyrene	193395		0.222	1.6E-10		5.4E-10		4.2E-17		1.3E-10		6.8E-10
	Iron	7439896		3452	2.5E-06	5.0E-03				0E+00		0.01	
	Mercury, Inorganic Salts	7487947		3.759	2.8E-09	1.3E-02				0E+00		0.01	
	Total (Low Aroclor-1268)					1.7E-01	6.0E-08	7.3E-05	4.7E-12	4.0E-02	1.2E-08	0.21	7.2E-08
	Total (High Aroclor-1268)					2.8E-01	6.0E-08	7.3E-05	4.7E-12	6.9E-02	1.2E-08	0.35	7.2E-08

Table 17D
CTE Risk Calculations - Excavation Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		6312	4.6E-06	6.4E-03		6.6E-04		0E+00		0.007	
	Antimony	7440360		3.236	2.4E-09	8.2E-03				0E+00		0.008	
	Aroclor 1016	12674112		0.0638	4.7E-11	9.3E-04	1.5E-11		2.2E-18	2.5E-04	4.0E-12	0.001	1.9E-11
	Aroclor 1254 - High Risk	11097691		1.047	7.7E-10	5.3E-02	7.0E-09		1.0E-15	1.4E-02	1.9E-09	0.067	8.9E-09
	Aroclor 1260 - High Risk	11096825		0.21	1.5E-10	1.1E-02	1.4E-09		2.1E-16	2.8E-03	3.7E-10	0.014	1.8E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.847	6.2E-10	1.2E-02	5.7E-09		8.3E-16	3.3E-03	1.5E-09	0.016	7.2E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.847	6.2E-10	4.3E-02	5.7E-09		8.3E-16	1.1E-02	1.5E-09	0.055	7.2E-09
	Arsenic, Inorganic	7440382		3.093	2.3E-09	1.0E-02	1.6E-08	1.1E-04	2.3E-14	6.0E-04	8.8E-10	0.011	1.6E-08
	Benz[a]anthracene	56553		0.239	1.8E-10		5.8E-10		4.5E-17		1.4E-10		7.3E-10
	Benzene	71432		0.211	5.5E-05	5.4E-05	3.9E-11	1.3E-03	1.0E-12	0E+00	0E+00	0.001	4.0E-11
	Benzo[a]pyrene	50328		0.222	1.6E-10		5.4E-09		4.2E-16		1.3E-09		6.8E-09
	Benzo[b]fluoranthene	205992		0.194	1.4E-10		4.7E-10		3.7E-17		1.2E-10		5.9E-10
	Benzo[k]fluoranthene	207089		0.106	7.8E-11		2.6E-11		2.0E-17		6.4E-12		3.2E-11
	bis(2-Chloroethyl) ether	111444		0.38	2.8E-10		1.4E-09		2.2E-16		0.0E+00		1.4E-09
	Carbazole	86748		0.0551	4.1E-11		3.7E-12				7.0E-14		3.8E-12
	Chromium	18540299		5.132	3.8E-09	1.7E-03	8.6E-09	2.7E-05	7.4E-13	0E+00	0E+00	0.002	8.6E-09
	Dibenz[a,h]anthracene	53703		0.0807	5.9E-11		2.0E-09		1.7E-16		4.9E-10		2.5E-09
	Dibromochloromethane	124481		0.125	1.5E-05	6.4E-06	3.5E-11		9.2E-13	1.2E-06	6.7E-12	0.00001	4.3E-11
	Dichlorobenzene, 1,4-	106467		1.515	1.4E-04	2.2E-05	2.7E-11	1.2E-04	3.5E-12	0E+00	0E+00	0.0001	3.1E-11
	Ethylbenzene	100414		0.549	9.0E-05	5.6E-06	2.0E-11	6.4E-05	5.3E-13	0E+00	0E+00	0.0001	2.1E-11
	Indeno[1,2,3-cd]pyrene	193395		0.162	1.2E-10		4.0E-10		3.1E-17		9.8E-11		4.9E-10
	Iron	7439896		8275	6.1E-06	1.2E-02				0E+00		0.012	
	Mercury, Inorganic Salts	7487947		2.629	1.9E-09	8.9E-03				0E+00		0.009	
	Methylene Chloride	75092		0.461	2.0E-04	7.8E-06	1.2E-11	1.4E-04	2.1E-13	0E+00	0E+00	0.0001	1.2E-11
	Naphthalene	91203		0.935	1.9E-05	4.8E-05		4.4E-03	1.5E-12	1.2E-05		0.005	1.5E-12
	Naphthalene, 1-Methyl	90120		3.541	5.6E-05	5.1E-05	3.4E-10			0E+00	0E+00	0.0001	3.4E-10
	Naphthalene, 2-Methyl	91576		3.104	5.0E-05	7.9E-04				0E+00		0.001	
	4,6-Dinitro-2-methylphenol	534521		8.664	6.4E-09	1.1E-01				2.1E-02		0.13	
	n-Butylbenzene	104518	Ethylbenzene	3.169	5.2E-04	3.2E-05	1.2E-10	3.7E-04	3.0E-12	0E+00	0E+00	0.0004	1.2E-10
	n-Propylbenzene	103651	Ethylbenzene	1.459	2.4E-04	1.5E-05	5.4E-11	1.7E-04	1.4E-12	0E+00	0E+00	0.0002	5.5E-11
	Tetrachloroethane, 1,1,2,2-	79345		0.0839	6.2E-11	4.3E-06	5.6E-11		8.4E-18	0E+00	0E+00	0.000004	5.6E-11
	Trimethylbenzene, 1,2,4-	95636		7.144	8.4E-04			8.5E-02				0.085	
	Vanadium	7440622		39.8	2.9E-08	8.1E-03				0E+00		0.008	
	Total (Low Aroclor-1268)					2.4E-01	4.9E-08	9.3E-02	1.3E-11	4.2E-02	6.8E-09	0.38	5.6E-08
	Total (High Aroclor-1268)					2.8E-01	4.9E-08	9.3E-02	1.3E-11	5.0E-02	6.8E-09	0.42	5.6E-08

Table 17E
CTE Risk Calculations - Excavation Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		8475	6.2E-06	8.6E-03		8.9E-04		0E+00		0.010	
	Antimony	7440360		7.074	5.2E-09	1.8E-02				0E+00		0.018	
	Aroclor 1254 - High Risk	11097691		0.21	1.5E-10	1.1E-02	1.4E-09		2.1E-16	2.8E-03	3.7E-10	0.014	1.8E-09
	Aroclor 1260 - High Risk	11096825	See footote (1)	4.699	3.5E-09	2.4E-01	3.1E-08		4.6E-15	6.4E-02	8.4E-09	0.30	4.0E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.867	5.0E-09	1.0E-01	4.6E-08		6.7E-15	2.7E-02	1.2E-08	0.13	5.8E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.867	5.0E-09	3.5E-01	4.6E-08		6.7E-15	9.3E-02	1.2E-08	0.44	5.8E-08
	Arsenic, Inorganic	7440382		2.669	2.0E-09	9.1E-03	1.3E-08	9.3E-05	2.0E-14	5.2E-04	7.6E-10	0.010	1.4E-08
	Benz[a]anthracene	56553		0.569	4.2E-10		1.4E-09		1.1E-16		3.4E-10		1.7E-09
	Benzo[a]pyrene	50328		0.436	3.2E-10		1.1E-08		8.3E-16		2.6E-09		1.3E-08
	Benzo[b]fluoranthene	205992		0.362	2.7E-10		8.8E-10		6.9E-17		2.2E-10		1.1E-09
	Benzo[k]fluoranthene	207089		0.184	1.4E-10		4.5E-11		3.5E-17		1.1E-11		5.6E-11
	Chloroform	67663		0.0247	8.7E-06	2.5E-06	2.6E-12	6.3E-05	4.7E-13	0E+00	0E+00	0.0001	3.0E-12
	Chromium	18540299		16.78	1.2E-08	5.7E-03	2.8E-08	8.8E-05	2.4E-12	0E+00	0E+00	0.006	2.8E-08
	Chrysene	218019		0.688	5.1E-10		1.7E-11		1.3E-17		4.1E-12		2.1E-11
	Cobalt	7440484		0.543	4.0E-10	1.8E-03		4.7E-05	8.4E-15	0E+00		0.002	8.4E-15
	Dibenz[a,h]anthracene	53703		0.254	1.9E-10		6.2E-09		5.2E-16		1.5E-09		7.7E-09
	Indeno[1,2,3-cd]pyrene	193395		0.166	1.2E-10		4.1E-10		3.1E-17		1.0E-10		5.1E-10
	Iron	7439896		6880	5.1E-06	1.0E-02				0E+00		0.010	
	Manganese	7439965		140.6	1.0E-07	1.0E-03		1.5E-03		0E+00		0.002	
	Mercury, Inorganic Salts	7487947		8.927	6.6E-09	3.0E-02				0E+00		0.030	
	Naphthalene	91203		0.258	5.2E-06	1.3E-05		1.2E-03	4.1E-13	3.2E-06		0.001	4.1E-13
	Naphthalene, 1-Methyl	90120		1.513	2.4E-05	2.2E-05	1.5E-10			0E+00	0E+00	0.00002	1.5E-10
	n-Butylbenzene	104518	Ethylbenzene	1.996	3.3E-04	2.0E-05	7.3E-11	2.3E-04	1.9E-12	0E+00	0E+00	0.0003	7.5E-11
	Tetrachloroethene	127184		0.0283	2.1E-11	2.9E-06	5.1E-11	5.5E-11	2.9E-19	0E+00	0E+00	0.000003	5.1E-11
	Trimethylbenzene, 1,2,4-	95636		0.762	8.9E-05			9.1E-03				0.009	
	Vanadium	7440622		23.55	1.7E-08	4.8E-03				0E+00		0.005	
	Zinc	7440666		1149	8.4E-07	3.9E-03				0E+00		0.004	
	Total (Low Aroclor-1268)					4.4E-01	1.4E-07	1.3E-02	5.3E-12	9.4E-02	2.7E-08	0.55	1.7E-07
	Total (High Aroclor-1268)					6.9E-01	1.4E-07	1.3E-02	5.3E-12	1.6E-01	2.7E-08	0.87	1.7E-07

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 5.512 mg/kg, and the hazard and risk for this compound are 0.36 and 4.67E-08, respectively.

The Total (Low Aroclor-1268) hazard and risk are 0.60 and 1.73E-07, respectively and the Total (High Aroclor-1268) hazard and risk are 0.92 and 1.73E-07, respectively.

Table 18A
RME Risk Calculations - Current Trespasser - OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	4.1E-04	2.7E-08	5.5E-06	5.0E-14	2.0E-04	1.3E-08	0.0006	3.9E-08
	Benz[a]anthracene	56553		0.347	2.6E-10		2.6E-09		2.6E-16		5.4E-09		8.1E-09
	Benzo[a]pyrene	50328		0.485	3.6E-10		3.7E-08		3.7E-15		7.6E-08		1.1E-07
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		5.3E-09		5.3E-16		1.1E-08		1.6E-08
	Chromium	18540299		5	3.7E-09	1.2E-04	2.6E-08	2.4E-06	2.9E-12	0E+00	0E+00	0.0001	2.6E-08
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		2.4E-08		2.7E-15		5.0E-08		7.4E-08
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	1.2E-04				0E+00		0.0001	
	Total					6.5E-04	1.2E-07	7.9E-06	3.0E-12	2.0E-04	1.5E-07	0.001	2.8E-07

Table 18B
RME Risk Calculations - Current Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	6.1E-04	3.5E-09		6.5E-16	1.3E-03	7.6E-09	0.002	1.1E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	1.4E-04	2.9E-09		5.4E-16	3.2E-04	6.3E-09	0.0005	9.2E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	5.0E-04	2.9E-09		5.4E-16	1.1E-03	6.3E-09	0.002	9.2E-09
	Arsenic, Inorganic	7440382		1.474	1.1E-09	3.6E-04	2.3E-08	4.8E-06	4.4E-14	1.7E-04	1.1E-08	0.0005	3.4E-08
	Benz[a]anthracene	56553		0.213	1.6E-10		1.6E-09		1.6E-16		3.3E-09		4.9E-09
	Benzo[a]pyrene	50328		0.195	1.4E-10		1.5E-08		1.5E-15		3.0E-08		4.5E-08
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		4.6E-10		4.6E-16		9.4E-10		1.4E-09
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		7.3E-10		7.3E-17		1.5E-09		2.2E-09
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	1.6E-05	6.3E-10		7.1E-17	2E-05	1E-09	0.00004	1.6E-09
	Chromium	18540299		5.756	4.2E-09	1.4E-04	3.0E-08	2.8E-06	3.3E-12	0E+00	0E+00	0.0001	3.0E-08
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		8.5E-10		9.2E-17		1.7E-09		2.6E-09
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		3.9E-10		3.9E-17		8E-10		1.2E-09
	Iron	7439896		8657	6.4E-06	9.0E-04				0E+00		0.001	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	3.1E-03				0E+00		0.003	
	Vanadium	7440622		10.39	7.6E-09	1.5E-04				0E+00		0.000	
	Total (Low Aroclor-1268)					5.4E-03	7.9E-08	7.5E-06	3.4E-12	1.8E-03	6.5E-08	0.007	1.4E-07
	Total (High Aroclor-1268)					5.7E-03	7.9E-08	7.5E-06	3.4E-12	2.6E-03	6.5E-08	0.008	1.4E-07

Table 18C
RME Risk Calculations - Current Trespasser - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	9.9E-04	5.6E-09		1.6E-11	2.2E-03	1.2E-08	0.003	1.8E-08
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	3.1E-03	1.8E-08		3.4E-15	6.9E-03	4.0E-08	0.010	5.8E-08
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	4.4E-03	2.5E-08		4.8E-15	9.8E-03	5.6E-08	0.014	8.2E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	5.4E-03	1.1E-07		2.1E-14	1.2E-02	2.4E-07	0.017	3.5E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	1.9E-02	1.1E-07		2.1E-14	4.2E-02	2.4E-07	0.061	3.5E-07
	Arsenic, Inorganic	7440382		1.592	1.2E-09	3.9E-04	2.5E-08	5.1E-06	4.7E-14	1.8E-04	1.2E-08	0.0006	3.7E-08
	Benz[a]anthracene	56553		0.263	1.9E-10		2.0E-09		2.0E-16		4.1E-09		6.1E-09
	Benzo[a]pyrene	50328		0.28	2.1E-10		2.1E-08		2.1E-15		4.4E-08		6.5E-08
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		3.0E-10		3.0E-16		6.2E-10		9.2E-10
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		1.1E-09		1.1E-16		2.2E-09		3.3E-09
	Carbazole	86748		0.046	3.4E-11		9.6E-12				1.5E-12		1.1E-11
	Chromium	18540299		7.741	5.7E-09	1.9E-04	4.0E-08	3.7E-06	4.5E-12	0E+00	0E+00	0.0002	4.0E-08
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		1.1E-08		1.2E-15		2.3E-08		3.5E-08
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		1.8E-09		1.8E-16		4E-09		5.5E-09
	Iron	7439896		6603	4.9E-06	6.9E-04				0.E+00		0.0007	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	2.3E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					1.8E-02	2.6E-07	8.9E-06	2.0E-11	3.1E-02	4.4E-07	0.049	7.0E-07
	Total (High Aroclor-1268)					3.1E-02	2.6E-07	8.9E-06	2.0E-11	6.1E-02	4.4E-07	0.092	7.0E-07

Table 18D
RME Risk Calculations - Current Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		12427	9.1E-06	9.1E-04		1.2E-04		0E+00		0.001	
	Antimony	7440360		4.655	3.4E-09	8.5E-04				0E+00		0.0009	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	4.1E-03	2.4E-08		4.5E-15	9.1E-03	5.2E-08	0.013	7.6E-08
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	1.5E-03	8.5E-09		1.6E-15	3.3E-03	1.9E-08	0.005	2.7E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	1.5E-03	3.0E-08		5.6E-15	3.3E-03	6.6E-08	0.005	9.6E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	5.2E-03	3.0E-08		5.6E-15	1.2E-02	6.6E-08	0.017	9.6E-08
	Arsenic, Inorganic	7440382		8.584	6.3E-09	2.1E-03	1.3E-07	2.8E-05	2.5E-13	9.9E-04	6.4E-08	0.003	2.0E-07
	Benz[a]anthracene	56553		0.372	2.7E-10		2.8E-09		2.8E-16		5.8E-09		8.6E-09
	Benzene	71432		0.014	3.7E-06	2.6E-07	8.0E-12	8.1E-06	2.7E-13	0E+00	0E+00	0.000008	8.3E-12
	Benzo[a]pyrene	50328		0.172	1.3E-10		1.3E-08		1.3E-15		2.7E-08		4.0E-08
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		2.6E-09		2.6E-16		5.3E-09		7.9E-09
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		1.2E-10		1.2E-16		2.4E-10		3.5E-10
	Carbazole	86748		0.0474	3.5E-11		9.9E-12				1.6E-12		1.1E-11
	Chromium	18540299		7.627	5.6E-09	1.9E-04	4.0E-08	3.7E-06	4.4E-12	0E+00	0E+00	0.0002	4.0E-08
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		1.1E-08		1.2E-15		2.3E-08		3.4E-08
	Dibromochloromethane	124481		4.8	5.6E-04	1.8E-05	4.2E-09		1.4E-10	3E-05	6.6E-09	0.00005	1.1E-08
	Ethylbenzene	100414		0.107	1.8E-05	7.8E-08	1.2E-11	1.2E-06	4.1E-13	0E+00	0E+00	0.000001	1.3E-11
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		1.3E-09		1.3E-16		2.7E-09		3.9E-09
	Iron	7439896		11105	8.2E-06	1.2E-03				0E+00		0.001	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	9.8E-04				0E+00		0.001	
	Methylene Chloride	75092		0.0136	5.8E-06	1.7E-08	1.1E-12	3.8E-07	2.5E-14	0E+00	0E+00	0.0000004	1.1E-12
	Naphthalene	91203		1.289	2.6E-05	4.7E-06		5.7E-04	8.3E-12	1E-05		0.0006	8.3E-12
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	2.2E-06	6.4E-10			0E+00	0E+00	0.000002	6.4E-10
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	5.0E-05				0E+00		0.00005	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	2.9E-02				4.6E-02		0.08	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	2.2E-06	3.4E-10	3.2E-05	1.1E-11	0E+00	0E+00	0.00003	3.5E-10
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	1.2E-06	1.8E-10	1.7E-05	6.1E-12	0E+00	0E+00	0.00002	1.9E-10
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			3.4E-03				0.003	
	Vanadium	7440622		33.66	2.5E-08	4.9E-04				0E+00		0.000	
	Total (Low Aroclor-1268)					4.3E-02	2.7E-07	4.2E-03	1.7E-10	6.3E-02	2.7E-07	0.11	5.4E-07
	Total (High Aroclor-1268)					4.7E-02	2.7E-07	4.2E-03	1.7E-10	7.1E-02	2.7E-07	0.12	5.4E-07

Table 18E
RME Risk Calculations - Current Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		3037	2.2E-06	2.2E-04		2.9E-05		0E+00		0.0003	
	Antimony	7440360		11.77	8.7E-09	2.1E-03				0E+00		0.002	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	9.0E-04	5.1E-09		9.7E-16	2.0E-03	1.1E-08	0.003	1.6E-08
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	2.5E-02	1.4E-07		2.7E-14	5.4E-02	3.1E-07	0.08	4.5E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	9.5E-03	1.9E-07		3.6E-14	2.1E-02	4.2E-07	0.031	6.1E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	3.3E-02	1.9E-07		3.6E-14	7.4E-02	4.2E-07	0.11	6.1E-07
	Arsenic, Inorganic	7440382		1.176	8.6E-10	2.9E-04	1.8E-08	3.8E-06	3.5E-14	1.4E-04	8.7E-09	0.0004	2.7E-08
	Benz[a]anthracene	56553		1.781	1.3E-09		1.4E-08		1.4E-15		2.8E-08		4.1E-08
	Benzo[a]pyrene	50328		0.614	4.5E-10		4.7E-08		4.7E-15		9.6E-08		1.4E-07
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		3.8E-09		3.8E-16		7.9E-09		1.2E-08
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		3.1E-10		3.1E-16		6.3E-10		9.4E-10
	Chloroform	67663		0.0118	4.2E-06	8.6E-08	3.8E-12	2.8E-06	9.0E-13	0E+00	0E+00	0.000003	4.7E-12
	Chromium	18540299		19.75	1.5E-08	4.8E-04	1.0E-07	9.5E-06	1.1E-11	0E+00	0E+00	0.0005	1.0E-07
	Chrysene	218019		2.508	1.8E-09		1.9E-10		1.9E-16		4E-10		5.8E-10
	Cobalt	7440484		0.787	5.8E-10	1.9E-04		6.3E-06	4.9E-14	0.0E+00		0.0002	4.9E-14
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		3.6E-08		3.9E-15		7.4E-08		1.1E-07
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		4.3E-09		4.3E-16		8.9E-09		1.3E-08
	Iron	7439896		5852	4.3E-06	6.1E-04				0.0E+00		0.0006	
	Manganese	7439965		29.38	2.2E-08	1.5E-05		2.8E-05		0E+00		0.00004	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	2.1E-03				0E+00		0.002	
	Naphthalene	91203		0.0559	1.1E-06	2.0E-07		2.5E-05	3.6E-13	4E-07		0.00003	3.6E-13
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	5.5E-07	1.6E-10			0E+00	0E+00	0.0000005	1.6E-10
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	2.6E-07	4.1E-11	3.8E-06	1.4E-12	0E+00	0E+00	0.000004	4.2E-11
	Tetrachloroethene	127184		0.00318	2.3E-12	2.3E-08	1.8E-11	5.7E-13	1.3E-19	0E+00	0E+00	0.00000002	1.8E-11
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			1.9E-04				0.0002	
	Vanadium	7440622		6.4	4.7E-09	9.4E-05				0E+00		0.0001	
	Zinc	7440666		2105	1.5E-06	5.1E-04				0E+00		0.0005	
	Total (Low Aroclor-1268)					4.2E-02	5.6E-07	3.0E-04	1.4E-11	7.8E-02	9.7E-07	0.12	1.5E-06
	Total (High Aroclor-1268)					6.6E-02	5.6E-07	3.0E-04	1.4E-11	1.3E-01	9.7E-07	0.20	1.5E-06

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg, and the hazard and risk for this compound are 0.09 and 5.04E-07, respectively.

The Total (Low Aroclor-1268) hazard and risk are 0.14 and 1.58E-06, respectively and the Total (High Aroclor-1268) hazard and risk are 0.21 and 1.58E-06, respectively.

Table 19A
CTE Risk Calculations - Current Trespasser - OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	2.1E-05	1.3E-09	1.4E-06	1.3E-14	3.4E-05	2.2E-09	0.00006	3.5E-09
	Benz[a]anthracene	56553		0.347	2.6E-10		1.3E-10		6.6E-17		9.5E-10		1.1E-09
	Benzo[a]pyrene	50328		0.485	3.6E-10		1.8E-09		9.2E-16		1.3E-08		1.5E-08
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		2.6E-10		1.3E-16		1.9E-09		2.1E-09
	Chromium	18540299		5	3.7E-09	6.1E-06	1.3E-09	6.0E-07	7.3E-13	0E+00	0E+00	0.00001	1.3E-09
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		1.2E-09		6.6E-16		8.7E-09		9.9E-09
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	5.9E-06				0E+00		0.00001	
	Total					3.3E-05	6.1E-09	2.0E-06	7.4E-13	3.4E-05	2.7E-08	0.00007	3.3E-08

Table 19B
CTE Risk Calculations - Current Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1260 - High Risk	11096825		0.166	1.22E-10	3.0E-05	1.7E-10		1.6E-16	2.3E-04	1.3E-09	0.0003	1.5E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.01E-10	7.1E-06	1.4E-10		1.3E-16	5.5E-05	1.1E-09	0.0001	1.2E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.01E-10	2.5E-05	1.4E-10		1.3E-16	1.9E-04	1.1E-09	0.0002	1.2E-09
	Arsenic, Inorganic	7440382		1.474	1.08E-09	1.8E-05	1.2E-09	1.2E-06	1.1E-14	3.0E-05	1.9E-09	0.00005	3.1E-09
	Benz[a]anthracene	56553		0.213	1.57E-10		8.1E-11		4.0E-17		5.8E-10		6.6E-10
	Benzo[a]pyrene	50328		0.195	1.43E-10		7.4E-10		3.7E-16		5.3E-09		6.1E-09
	Benzo[b/k]fluoranthene	205992		0.605	4.45E-10		2.3E-11		1.1E-16		1.6E-10		1.9E-10
	Benzo[b]fluoranthene	205992		0.0964	7.09E-11		3.7E-11		1.8E-17		2.6E-10		3.0E-10
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.16E-09	7.9E-07	3.1E-11		1.8E-17	4E-06	2E-10	0.000005	2.0E-10
	Chromium	18540299		5.756	4.23E-09	7.0E-06	1.5E-09	7.0E-07	8.3E-13	0E+00	0E+00	0.000008	1.5E-09
	Dibenz[a,h]anthracene	53703		0.0111	8.16E-12		4.2E-11		2.3E-17		3.0E-10		3.4E-10
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.75E-11		1.9E-11		9.7E-18		1.4E-10		1.6E-10
	Iron	7439896		8657	6.37E-06	4.5E-05				0E+00		0.00005	
	Mercury, Inorganic Salts	7487947		12.6	9.26E-09	1.5E-04				0E+00		0.0002	
	Vanadium	7440622		10.39	7.64E-09	7.6E-06				0E+00		0.00001	
	Total (Low Aroclor-1268)					2.7E-04	3.9E-09	1.9E-06	8.5E-13	3.2E-04	1.1E-08	0.001	1.5E-08
	Total (High Aroclor-1268)					2.9E-04	3.9E-09	1.9E-06	8.5E-13	4.6E-04	1.1E-08	0.001	1.5E-08

Table 19C
CTE Risk Calculations - Current Trespasser - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	4.9E-05	2.8E-10		3.9E-12	3.8E-04	2.2E-09	0.0004	2.5E-09
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	1.6E-04	9.0E-10		8.5E-16	1.2E-03	6.9E-09	0.001	7.8E-09
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	2.2E-04	1.3E-09		1.2E-15	1.7E-03	9.8E-09	0.002	1.1E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	2.7E-04	5.4E-09		5.1E-15	2.1E-03	4.2E-08	0.002	4.7E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	9.5E-04	5.4E-09		5.1E-15	7.3E-03	4.2E-08	0.008	4.7E-08
	Arsenic, Inorganic	7440382		1.592	1.2E-09	1.9E-05	1.2E-09	1.3E-06	1.2E-14	3.2E-05	2.1E-09	0.00005	3.3E-09
	Benz[a]anthracene	56553		0.263	1.9E-10		1.0E-10		5.0E-17		7.2E-10		8.2E-10
	Benzo[a]pyrene	50328		0.28	2.1E-10		1.1E-09		5.3E-16		7.6E-09		8.7E-09
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		1.5E-11		7.6E-17		1.1E-10		1.2E-10
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		5.3E-11		2.7E-17		3.8E-10		4.3E-10
	Carbazole	86748		0.046	3.4E-11		4.8E-13				2.6E-13		7.4E-13
	Chromium	18540299		7.741	5.7E-09	9.4E-06	2.0E-09	9.4E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		5.7E-10		3.1E-16		4.1E-09		4.7E-09
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		9.1E-11		4.5E-17		6.5E-10		7.4E-10
	Iron	7439896		6603	4.9E-06	3.4E-05				0E+00		0.00003	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	1.1E-04				0E+00		0.0001	
	Total (Low Aroclor-1268)					8.8E-04	1.3E-08	2.2E-06	5.1E-12	5.4E-03	7.6E-08	0.006	9.0E-08
	Total (High Aroclor-1268)					1.6E-03	1.3E-08	2.2E-06	5.1E-12	1.1E-02	7.6E-08	0.012	9.0E-08

Table 19D
CTE Risk Calculations - Current Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		12427	9.1E-06	4.5E-05		3.0E-05		0E+00		0.00008	
	Antimony	7440360		4.655	3.4E-09	4.3E-05				0E+00		0.00004	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	2.1E-04	1.2E-09		1.1E-15	1.6E-03	9.1E-09	0.002	1.0E-08
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	7.4E-05	4.2E-10		4.0E-16	5.7E-04	3.3E-09	0.0006	3.7E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	7.4E-05	1.5E-09		1.4E-15	5.7E-04	1.1E-08	0.0006	1.3E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	2.6E-04	1.5E-09		1.4E-15	2.0E-03	1.1E-08	0.002	1.3E-08
	Arsenic, Inorganic	7440382		8.584	6.3E-09	1.0E-04	6.7E-09	6.9E-06	6.4E-14	1.7E-04	1.1E-08	0.0003	1.8E-08
	Benz[a]anthracene	56553		0.372	2.7E-10		1.4E-10		7.1E-17		1.0E-09		1.2E-09
	Benzene	71432		0.014	3.7E-06	1.3E-08	4.0E-13	2.0E-06	6.7E-14	0E+00	0E+00	0.000002	4.7E-13
	Benzo[a]pyrene	50328		0.172	1.3E-10		6.6E-10		3.3E-16		4.7E-09		5.3E-09
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		1.3E-10		6.5E-17		9.3E-10		1.1E-09
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		5.8E-12		2.9E-17		4.1E-11		4.7E-11
	Carbazole	86748		0.0474	3.5E-11		4.9E-13				2.7E-13		7.7E-13
	Chromium	18540299		7.627	5.6E-09	9.3E-06	2.0E-09	9.2E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		5.6E-10		3.0E-16		4.0E-09		4.5E-09
	Dibromochloromethane	124481		4.8	5.6E-04	8.8E-07	2.1E-10		3.6E-11	4.8E-06	1.2E-09	0.000006	1.4E-09
	Ethylbenzene	100414		0.107	1.8E-05	3.9E-09	6.1E-13	2.9E-07	1.0E-13	0E+00	0E+00	0.0000003	7.2E-13
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		6.5E-11		3.2E-17		4.6E-10		5.3E-10
	Iron	7439896		11105	8.2E-06	5.8E-05				0E+00		0.00006	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	4.9E-05				0E+00		0.00005	
	Methylene Chloride	75092		0.0136	5.8E-06	8.3E-10	5.3E-14	9.5E-08	6.4E-15	0E+00	0E+00	0.0000001	6.0E-14
	Naphthalene	91203		1.289	2.6E-05	2.4E-07		1.4E-04	2.1E-12	1.7E-06		0.0001	2.1E-12
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	1.1E-07	3.2E-11			0E+00	0E+00	0.0000001	3.2E-11
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	2.5E-06				0E+00		0.000003	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	1.5E-03				8.0E-03		0.009	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	1.1E-07	1.7E-11	8.0E-06	2.8E-12	0E+00	0E+00	0.000008	2.0E-11
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	5.8E-08	9.1E-12	4.3E-06	1.5E-12	0E+00	0E+00	0.000004	1.1E-11
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			8.6E-04				0.0009	
	Vanadium	7440622		33.66	2.5E-08	2.5E-05				0E+00		0.00002	
	Total (Low Aroclor-1268)					2.2E-03	1.4E-08	1.1E-03	4.3E-11	1.1E-02	4.7E-08	0.014	6.1E-08
	Total (High Aroclor-1268)					2.3E-03	1.4E-08	1.1E-03	4.3E-11	1.2E-02	4.7E-08	0.016	6.1E-08

Table 19E
CTE Risk Calculations - Current Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		3037	2.2E-06	1.1E-05		7.3E-06		0E+00		0.00002	
	Antimony	7440360		11.77	8.7E-09	1.1E-04				0E+00		0.0001	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	4.5E-05	2.6E-10		2.4E-16	3.5E-04	2.0E-09	0.0004	2.2E-09
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	1.2E-03	7.1E-09		6.7E-15	9.5E-03	5.4E-08	0.01	6.1E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	4.8E-04	9.5E-09		9.0E-15	3.7E-03	7.3E-08	0.004	8.3E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	1.7E-03	9.5E-09		9.0E-15	1.3E-02	7.3E-08	0.015	8.3E-08
	Arsenic, Inorganic	7440382		1.176	8.6E-10	1.4E-05	9.2E-10	9.5E-07	8.7E-15	2.4E-05	1.5E-09	0.00004	2.4E-09
	Benz[a]anthracene	56553		1.781	1.3E-09		6.8E-10		3.4E-16		4.9E-09		5.5E-09
	Benzo[a]pyrene	50328		0.614	4.5E-10		2.3E-09		1.2E-15		1.7E-08		1.9E-08
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		1.9E-10		9.6E-17		1.4E-09		1.6E-09
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		1.5E-11		7.7E-17		1.1E-10		1.3E-10
	Chloroform	67663		0.0118	4.2E-06	4.3E-09	1.9E-13	7.0E-07	2.3E-13	0E+00	0E+00	0.0000007	4.2E-13
	Chromium	18540299		19.75	1.5E-08	2.4E-05	5.2E-09	2.4E-06	2.9E-12	0E+00	0E+00	0.00003	5.2E-09
	Chrysene	218019		2.508	1.8E-09		9.6E-12		4.8E-17		6.8E-11		7.8E-11
	Cobalt	7440484		0.787	5.8E-10	9.6E-06		1.6E-06	1.2E-14	0E+00		0.00001	1.2E-14
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		1.8E-09		9.8E-16		1.3E-08		1.5E-08
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		2.2E-10		1.1E-16		1.6E-09		1.8E-09
	Iron	7439896		5852	4.3E-06	3.1E-05				0E+00		0.00003	
	Manganese	7439965		29.38	2.2E-08	7.7E-07		7.1E-06		0E+00		0.000008	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	1.1E-04				0E+00		0.0001	
	Naphthalene	91203		0.0559	1.1E-06	1.0E-08		6.1E-06	8.9E-14	7.3E-08		0.000006	8.9E-14
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	2.7E-08	7.9E-12			0E+00	0E+00	0.00000003	7.9E-12
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	1.3E-08	2.0E-12	9.6E-07	3.4E-13	0E+00	0E+00	0.000001	2.4E-12
	Tetrachloroethene	127184		0.00318	2.3E-12	1.2E-09	9.0E-13	1.4E-13	3.2E-20	0E+00	0E+00	0.000000001	9.0E-13
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			4.8E-05				0.00005	
	Vanadium	7440622		6.4	4.7E-09	4.7E-06				0E+00		0.00000	
	Zinc	7440666		2105	1.5E-06	2.6E-05				0E+00		0.00003	
	Total (Low Aroclor-1268)					2.1E-03	2.8E-08	7.5E-05	3.6E-12	1.4E-02	1.7E-07	0.016	2.0E-07
	Total (High Aroclor-1268)					3.3E-03	2.8E-08	7.5E-05	3.6E-12	2.3E-02	1.7E-07	0.026	2.0E-07

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg, and the hazard and risk for this compound are 0.01 and 6.8E-08, respectively.

The Total (Low Aroclor-1268) hazard and risk are 0.017 and 2.0E-07, respectively and the Total (High Aroclor-1268) hazard and risk are 0.028 and 2.0E-07, respectively.

Table 20A
RME Risk Calculations - Future Trespasser - OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	9.0E-04	5.8E-08	1.2E-05	1.1E-13	4.2E-04	2.7E-08	0.0013	8.5E-08
	Benz[a]anthracene	56553		0.347	2.6E-10		5.7E-09		5.7E-16		1.2E-08		1.7E-08
	Benzo[a]pyrene	50328		0.485	3.6E-10		8.0E-08		8.0E-15		1.6E-07		2.4E-07
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		1.1E-08		1.1E-15		2.3E-08		3.5E-08
	Chromium	18540299		5	3.7E-09	2.6E-04	5.7E-08	5.2E-06	6.3E-12	0E+00	0E+00	0.0003	5.7E-08
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		5.3E-08		5.7E-15		1.1E-07		1.6E-07
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	2.6E-04				0E+00		0.0003	
	Total					1.4E-03	2.6E-07	1.7E-05	6.4E-12	4.2E-04	3.3E-07	0.002	6.0E-07

Table 20B
RME Risk Calculations - Future Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	1.3E-03	7.5E-09		1.4E-15	2.9E-03	1.7E-08	0.004	2.4E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	3.1E-04	6.2E-09		1.2E-15	6.8E-04	1.4E-08	0.0010	2.0E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	1.1E-03	6.2E-09		1.2E-15	2.4E-03	1.4E-08	0.003	2.0E-08
	Arsenic, Inorganic	7440382		1.474	1.1E-09	7.8E-04	5.0E-08	1.0E-05	9.5E-14	3.7E-04	2.4E-08	0.0012	7.4E-08
	Benz[a]anthracene	56553		0.213	1.6E-10		3.5E-09		3.5E-16		7.2E-09		1.1E-08
	Benzo[a]pyrene	50328		0.195	1.4E-10		3.2E-08		3.2E-15		6.6E-08		9.8E-08
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		1.0E-09		1.0E-15		2.0E-09		3.0E-09
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		1.6E-09		1.6E-16		3.3E-09		4.9E-09
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	3.4E-05	1.4E-09		1.5E-16	5E-05	2E-09	0.00009	3.5E-09
	Chromium	18540299		5.756	4.2E-09	3.0E-04	6.5E-08	6.0E-06	7.2E-12	0E+00	0E+00	0.0003	6.5E-08
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		1.8E-09		2.0E-16		3.8E-09		5.6E-09
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		8.4E-10		8.4E-17		2E-09		2.6E-09
	Iron	7439896		8657	6.4E-06	2.0E-03				0.E+00		0.002	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	6.6E-03				0E+00		0.007	
	Vanadium	7440622		10.39	7.6E-09	3.3E-04				0E+00		0.0003	
	Total (Low Aroclor-1268)					1.2E-02	1.7E-07	1.6E-05	7.3E-12	4.0E-03	1.4E-07	0.016	3.1E-07
	Total (High Aroclor-1268)					1.2E-02	1.7E-07	1.6E-05	7.3E-12	5.7E-03	1.4E-07	0.018	3.1E-07

Table 20C
RME Risk Calculations - Future Trespasser - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	2.1E-03	1.2E-08		3.4E-11	4.7E-03	2.7E-08	0.007	3.9E-08
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	6.8E-03	3.9E-08		7.4E-15	1.5E-02	8.6E-08	0.022	1.3E-07
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	9.6E-03	5.5E-08		1.0E-14	2.1E-02	1.2E-07	0.031	1.8E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	1.2E-02	2.4E-07		4.5E-14	2.6E-02	5.2E-07	0.038	7.6E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	4.1E-02	2.4E-07		4.5E-14	9.1E-02	5.2E-07	0.13	7.6E-07
	Arsenic, Inorganic	7440382		1.592	1.2E-09	8.4E-04	5.4E-08	1.1E-05	1.0E-13	4.0E-04	2.6E-08	0.0012	8.0E-08
	Benz[a]anthracene	56553		0.263	1.9E-10		4.3E-09		4.3E-16		8.9E-09		1.3E-08
	Benzo[a]pyrene	50328		0.28	2.1E-10		4.6E-08		4.6E-15		9.5E-08		1.4E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		6.6E-10		6.6E-16		1.3E-09		2.0E-09
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		2.3E-09		2.3E-16		4.7E-09		7.0E-09
	Carbazole	86748		0.046	3.4E-11		2.1E-11				3.3E-12		2.4E-11
	Chromium	18540299		7.741	5.7E-09	4.1E-04	8.8E-08	8.1E-06	9.7E-12	0E+00	0E+00	0.0004	8.8E-08
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		2.5E-08		2.7E-15		5.1E-08		7.5E-08
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		3.9E-09		3.9E-16		8E-09		1.2E-08
	Iron	7439896		6603	4.9E-06	1.5E-03				0E+00		0.0015	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	5.0E-03				0E+00		0.005	
	Total (Low Aroclor-1268)					3.8E-02	5.7E-07	1.9E-05	4.4E-11	6.7E-02	9.5E-07	0.11	1.5E-06
	Total (High Aroclor-1268)					6.8E-02	5.7E-07	1.9E-05	4.4E-11	1.3E-01	9.5E-07	0.20	1.5E-06

Table 20D
RME Risk Calculations - Future Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		12427	9.1E-06	2.0E-03		2.6E-04		0E+00		0.002	
	Antimony	7440360		4.655	3.4E-09	1.8E-03				0E+00		0.0018	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	9.0E-03	5.1E-08		9.7E-15	2.0E-02	1.1E-07	0.029	1.6E-07
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	3.2E-03	1.8E-08		3.5E-15	7.1E-03	4.1E-08	0.010	5.9E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	3.2E-03	6.5E-08		1.2E-14	7.1E-03	1.4E-07	0.010	2.1E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	1.1E-02	6.5E-08		1.2E-14	2.5E-02	1.4E-07	0.036	2.1E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	4.5E-03	2.9E-07	6.0E-05	5.5E-13	2.1E-03	1.4E-07	0.007	4.3E-07
	Benz[a]anthracene	56553		0.372	2.7E-10		6.1E-09		6.1E-16		1.3E-08		1.9E-08
	Benzene	71432		0.014	3.7E-06	5.5E-07	1.7E-11	1.7E-05	5.8E-13	0E+00	0E+00	0.000018	1.8E-11
	Benzo[a]pyrene	50328		0.172	1.3E-10		2.8E-08		2.8E-15		5.8E-08		8.7E-08
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		5.6E-09		5.6E-16		1.1E-08		1.7E-08
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		2.5E-10		2.5E-16		5.1E-10		7.7E-10
	Carbazole	86748		0.0474	3.5E-11		2.1E-11				3.4E-12		2.5E-11
	Chromium	18540299		7.627	5.6E-09	4.0E-04	8.6E-08	8.0E-06	9.6E-12	0E+00	0E+00	0.0004	8.6E-08
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		2.4E-08		2.6E-15		4.9E-08		7.3E-08
	Dibromochloromethane	124481		4.8	5.6E-04	3.8E-05	9.1E-09		3.1E-10	6E-05	1.4E-08	0.00010	2.4E-08
	Ethylbenzene	100414		0.107	1.8E-05	1.7E-07	2.7E-11	2.5E-06	8.9E-13	0E+00	0.0E+00	0.000003	2.8E-11
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		2.8E-09		2.8E-16		5.7E-09		8.6E-09
	Iron	7439896		11105	8.2E-06	2.5E-03				0E+00		0.003	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	2.1E-03				0E+00		0.002	
	Methylene Chloride	75092		0.0136	5.8E-06	3.6E-08	2.3E-12	8.2E-07	5.5E-14	0E+00	0E+00	0.0000009	2.4E-12
	Naphthalene	91203		1.289	2.6E-05	1.0E-05		1.2E-03	1.8E-11	2E-05		0.0013	1.8E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	4.8E-06	1.4E-09			0E+00	0E+00	0.000005	1.4E-09
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	1.1E-04				0E+00		0.00011	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	6.3E-02				1.0E-01		0.16	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	4.7E-06	7.4E-10	6.9E-05	2.5E-11	0E+00	0E+00	0.00007	7.6E-10
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	2.5E-06	3.9E-10	3.7E-05	1.3E-11	0E+00	0E+00	0.00004	4.1E-10
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			7.5E-03				0.007	
	Vanadium	7440622		33.66	2.5E-08	1.1E-03				0E+00		0.001	
	Total (Low Aroclor-1268)					9.3E-02	5.9E-07	9.1E-03	3.8E-10	1.4E-01	5.9E-07	0.24	1.2E-06
	Total (High Aroclor-1268)					1.0E-01	5.9E-07	9.1E-03	3.8E-10	1.5E-01	5.9E-07	0.26	1.2E-06

Table 20E
RME Risk Calculations - Future Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		3037	2.2E-06	4.8E-04		6.4E-05		0E+00		0.0005	
	Antimony	7440360		11.77	8.7E-09	4.7E-03				0E+00		0.005	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	1.9E-03	1.1E-08		2.1E-15	4.3E-03	2.5E-08	0.006	3.6E-08
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	5.3E-02	3.1E-07		5.8E-14	1.2E-01	6.7E-07	0.17	9.8E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	2.1E-02	4.1E-07		7.8E-14	4.6E-02	9.1E-07	0.066	1.3E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	7.2E-02	4.1E-07		7.8E-14	1.6E-01	9.1E-07	0.23	1.3E-06
	Arsenic, Inorganic	7440382		1.176	8.6E-10	6.2E-04	4.0E-08	8.2E-06	7.6E-14	2.9E-04	1.9E-08	0.0009	5.9E-08
	Benz[a]anthracene	56553		1.781	1.3E-09		2.9E-08		2.9E-15		6.0E-08		9.0E-08
	Benzo[a]pyrene	50328		0.614	4.5E-10		1.0E-07		1.0E-14		2.1E-07		3.1E-07
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		8.3E-09		8.3E-16		1.7E-08		2.5E-08
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		6.7E-10		6.7E-16		1.4E-09		2.0E-09
	Chloroform	67663		0.0118	4.2E-06	1.9E-07	8.3E-12	6.1E-06	2.0E-12	0E+00	0E+00	0.000006	1.0E-11
	Chromium	18540299		19.75	1.5E-08	1.0E-03	2.2E-07	2.1E-05	2.5E-11	0E+00	0E+00	0.0011	2.2E-07
	Chrysene	218019		2.508	1.8E-09		4.1E-10		4.1E-16		8.5E-10		1.3E-09
	Cobalt	7440484		0.787	5.8E-10	4.2E-04		1.4E-05	1.1E-13	0E+00		0.0004	1.1E-13
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		7.8E-08		8.5E-15		1.6E-07		2.4E-07
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		9.4E-09		9.4E-16		1.9E-08		2.9E-08
	Iron	7439896		5852	4.3E-06	1.3E-03				0E+00		0.0013	
	Manganese	7439965		29.38	2.2E-08	3.3E-05		6.2E-05		0E+00		0.00009	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	4.6E-03				0E+00		0.005	
	Naphthalene	91203		0.0559	1.1E-06	4.4E-07		5.3E-05	7.8E-13	9E-07		0.00005	7.8E-13
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	1.2E-06	3.4E-10			0E+00	0E+00	0.0000012	3.4E-10
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	5.6E-07	8.8E-11	8.3E-06	3.0E-12	0E+00	0E+00	0.000009	9.1E-11
	Tetrachloroethene	127184		0.00318	2.3E-12	5.0E-08	3.9E-11	1.2E-12	2.8E-19	0E+00	0E+00	0.00000005	3.9E-11
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			4.2E-04				0.0004	
	Vanadium	7440622		6.4	4.7E-09	2.0E-04				0E+00		0.0002	
	Zinc	7440666		2105	1.5E-06	1.1E-03				0E+00		0.0011	
	Total (Low Aroclor-1268)					9.1E-02	1.2E-06	6.5E-04	3.1E-11	1.7E-01	2.1E-06	0.26	3.3E-06
	Total (High Aroclor-1268)					1.4E-01	1.2E-06	6.5E-04	3.1E-11	2.8E-01	2.1E-06	0.42	3.3E-06

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg, and the hazard and risk for this compound are 0.09 and 5.04E-07, respectively.
The Total (Low Aroclor-1268) hazard and risk are 0.14 and 1.58E-06, respectively and the Total (High Aroclor-1268) hazard and risk are 0.21 and 1.58E-06, respectively.

Table 21A
CTE Risk Calculations - Future Trespasser - OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	2.1E-05	1.3E-09	1.4E-06	1.3E-14	3.4E-05	2.2E-09	0.00006	3.5E-09
	Benz[a]anthracene	56553		0.347	2.6E-10		1.3E-10		6.6E-17		9.5E-10		1.1E-09
	Benzo[a]pyrene	50328		0.485	3.6E-10		1.8E-09		9.2E-16		1.3E-08		1.5E-08
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		2.6E-10		1.3E-16		1.9E-09		2.1E-09
	Chromium	18540299		5	3.7E-09	6.1E-06	1.3E-09	6.0E-07	7.3E-13	0E+00	0E+00	0.00001	1.3E-09
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		1.2E-09		6.6E-16		8.7E-09		9.9E-09
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	5.9E-06				0E+00		0.00001	
	Total					3.3E-05	6.1E-09	2.0E-06	7.4E-13	3.4E-05	2.7E-08	0.00007	3.3E-08

Table 21B
CTE Risk Calculations - Future Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	3.0E-05	1.7E-10		1.6E-16	2.3E-04	1.3E-09	0.0003	1.5E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	7.1E-06	1.4E-10		1.3E-16	5.5E-05	1.1E-09	0.0001	1.2E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	2.5E-05	1.4E-10		1.3E-16	1.9E-04	1.1E-09	0.0002	1.2E-09
	Arsenic, Inorganic	7440382		1.474	1.1E-09	1.8E-05	1.2E-09	1.2E-06	1.1E-14	3.0E-05	1.9E-09	0.00005	3.1E-09
	Benz[a]anthracene	56553		0.213	1.6E-10		8.1E-11		4.0E-17		5.8E-10		6.6E-10
	Benzo[a]pyrene	50328		0.195	1.4E-10		7.4E-10		3.7E-16		5.3E-09		6.1E-09
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		2.3E-11		1.1E-16		1.6E-10		1.9E-10
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		3.7E-11		1.8E-17		2.6E-10		3.0E-10
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	7.9E-07	3.1E-11		1.8E-17	4E-06	2E-10	0.000005	2.0E-10
	Chromium	18540299		5.756	4.2E-09	7.0E-06	1.5E-09	7.0E-07	8.3E-13	0E+00	0E+00	0.000008	1.5E-09
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		4.2E-11		2.3E-17		3.0E-10		3.4E-10
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.9E-11		9.7E-18		1.4E-10		1.6E-10
	Iron	7439896		8657	6.4E-06	4.5E-05				0E+00		0.00005	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	1.5E-04				0E+00		0.0002	
	Vanadium	7440622		10.39	7.6E-09	7.6E-06				0E+00		0.00001	
	Total (Low Aroclor-1268)					2.7E-04	3.9E-09	1.9E-06	8.5E-13	3.2E-04	1.1E-08	0.001	1.5E-08
	Total (High Aroclor-1268)					2.9E-04	3.9E-09	1.9E-06	8.5E-13	4.6E-04	1.1E-08	0.001	1.5E-08

Table 21C
CTE Risk Calculations - Future Trespasser - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	4.9E-05	2.8E-10		3.9E-12	3.8E-04	2.2E-09	0.0004	2.5E-09
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	1.6E-04	9.0E-10		8.5E-16	1.2E-03	6.9E-09	0.001	7.8E-09
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	2.2E-04	1.3E-09		1.2E-15	1.7E-03	9.8E-09	0.002	1.1E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	2.7E-04	5.4E-09		5.1E-15	2.1E-03	4.2E-08	0.002	4.7E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	9.5E-04	5.4E-09		5.1E-15	7.3E-03	4.2E-08	0.008	4.7E-08
	Arsenic, Inorganic	7440382		1.592	1.2E-09	1.9E-05	1.2E-09	1.3E-06	1.2E-14	3.2E-05	2.1E-09	0.00005	3.3E-09
	Benz[a]anthracene	56553		0.263	1.9E-10		1.0E-10		5.0E-17		7.2E-10		8.2E-10
	Benzo[a]pyrene	50328		0.28	2.1E-10		1.1E-09		5.3E-16		7.6E-09		8.7E-09
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		1.5E-11		7.6E-17		1.1E-10		1.2E-10
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		5.3E-11		2.7E-17		3.8E-10		4.3E-10
	Carbazole	86748		0.046	3.4E-11		4.8E-13				2.6E-13		7.4E-13
	Chromium	18540299		7.741	5.7E-09	9.4E-06	2.0E-09	9.4E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		5.7E-10		3.1E-16		4.1E-09		4.7E-09
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		9.1E-11		4.5E-17		6.5E-10		7.4E-10
	Iron	7439896		6603	4.9E-06	3.4E-05				0E+00		0.00003	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	1.1E-04				0E+00		0.0001	
	Total (Low Aroclor-1268)					8.8E-04	1.3E-08	2.2E-06	5.1E-12	5.4E-03	7.6E-08	0.006	9.0E-08
	Total (High Aroclor-1268)					1.6E-03	1.3E-08	2.2E-06	5.1E-12	1.1E-02	7.6E-08	0.012	9.0E-08

Table 21D
CTE Risk Calculations - Future Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		12427	9.1E-06	4.5E-05		3.0E-05		0E+00		0.00008	
	Antimony	7440360		4.655	3.4E-09	4.3E-05				0E+00		0.00004	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	2.1E-04	1.2E-09		1.1E-15	1.6E-03	9.1E-09	0.002	1.0E-08
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	7.4E-05	4.2E-10		4.0E-16	5.7E-04	3.3E-09	0.0006	3.7E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	7.4E-05	1.5E-09		1.4E-15	5.7E-04	1.1E-08	0.0006	1.3E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	2.6E-04	1.5E-09		1.4E-15	2.0E-03	1.1E-08	0.002	1.3E-08
	Arsenic, Inorganic	7440382		8.584	6.3E-09	1.0E-04	6.7E-09	6.9E-06	6.4E-14	1.7E-04	1.1E-08	0.0003	1.8E-08
	Benz[a]anthracene	56553		0.372	2.7E-10		1.4E-10		7.1E-17		1.0E-09		1.2E-09
	Benzene	71432		0.014	3.7E-06	1.3E-08	4.0E-13	2.0E-06	6.7E-14	0E+00	0.0E+00	0.000002	4.7E-13
	Benzo[a]pyrene	50328		0.172	1.3E-10		6.6E-10		3.3E-16		4.7E-09		5.3E-09
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		1.3E-10		6.5E-17		9.3E-10		1.1E-09
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		5.8E-12		2.9E-17		4.1E-11		4.7E-11
	Carbazole	86748		0.0474	3.5E-11		4.9E-13				2.7E-13		7.7E-13
	Chromium	18540299		7.627	5.6E-09	9.3E-06	2.0E-09	9.2E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		5.6E-10		3.0E-16		4.0E-09		4.5E-09
	Dibromochloromethane	124481		4.8	5.6E-04	8.8E-07	2.1E-10		3.6E-11	4.8E-06	1.2E-09	0.000006	1.4E-09
	Ethylbenzene	100414		0.107	1.8E-05	3.9E-09	6.1E-13	2.9E-07	1.0E-13	0E+00	0.0E+00	0.0000003	7.2E-13
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		6.5E-11		3.2E-17		4.6E-10		5.3E-10
	Iron	7439896		11105	8.2E-06	5.8E-05				0E+00		0.00006	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	4.9E-05				0E+00		0.00005	
	Methylene Chloride	75092		0.0136	5.8E-06	8.3E-10	5.3E-14	9.5E-08	6.4E-15	0E+00	0E+00	0.0000001	6.0E-14
	Naphthalene	91203		1.289	2.6E-05	2.4E-07		1.4E-04	2.1E-12	1.7E-06		0.0001	2.1E-12
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	1.1E-07	3.2E-11			0E+00	0E+00	0.0000001	3.2E-11
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	2.5E-06				0E+00		0.000003	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	1.5E-03				8.0E-03		0.009	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	1.1E-07	1.7E-11	8.0E-06	2.8E-12	0E+00	0E+00	0.000008	2.0E-11
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	5.8E-08	9.1E-12	4.3E-06	1.5E-12	0E+00	0E+00	0.000004	1.1E-11
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			8.6E-04				0.0009	
	Vanadium	7440622		33.66	2.5E-08	2.5E-05				0E+00		0.00002	
	Total (Low Aroclor-1268)					2.2E-03	1.4E-08	1.1E-03	4.3E-11	1.1E-02	4.7E-08	0.014	6.1E-08
	Total (High Aroclor-1268)					2.3E-03	1.4E-08	1.1E-03	4.3E-11	1.2E-02	4.7E-08	0.016	6.1E-08

Table 21E
CTE Risk Calculations - Future Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		3037	2.2E-06	1.1E-05		7.3E-06		0E+00		0.00002	
	Antimony	7440360		11.77	8.7E-09	1.1E-04				0E+00		0.0001	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	4.5E-05	2.6E-10		2.4E-16	3.5E-04	2.0E-09	0.0004	2.2E-09
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	1.2E-03	7.1E-09		6.7E-15	9.5E-03	5.4E-08	0.01	6.1E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	4.8E-04	9.5E-09		9.0E-15	3.7E-03	7.3E-08	0.004	8.3E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	1.7E-03	9.5E-09		9.0E-15	1.3E-02	7.3E-08	0.015	8.3E-08
	Arsenic, Inorganic	7440382		1.176	8.6E-10	1.4E-05	9.2E-10	9.5E-07	8.7E-15	2.4E-05	1.5E-09	0.00004	2.4E-09
	Benz[a]anthracene	56553		1.781	1.3E-09		6.8E-10		3.4E-16		4.9E-09		5.5E-09
	Benzo[a]pyrene	50328		0.614	4.5E-10		2.3E-09		1.2E-15		1.7E-08		1.9E-08
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		1.9E-10		9.6E-17		1.4E-09		1.6E-09
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		1.5E-11		7.7E-17		1.1E-10		1.3E-10
	Chloroform	67663		0.0118	4.2E-06	4.3E-09	1.9E-13	7.0E-07	2.3E-13	0E+00	0E+00	0.0000007	4.2E-13
	Chromium	18540299		19.75	1.5E-08	2.4E-05	5.2E-09	2.4E-06	2.9E-12	0E+00	0E+00	0.00003	5.2E-09
	Chrysene	218019		2.508	1.8E-09		9.6E-12		4.8E-17		6.8E-11		7.8E-11
	Cobalt	7440484		0.787	5.8E-10	9.6E-06		1.6E-06	1.2E-14	0E+00		0.00001	1.2E-14
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		1.8E-09		9.8E-16		1.3E-08		1.5E-08
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		2.2E-10		1.1E-16		1.6E-09		1.8E-09
	Iron	7439896		5852	4.3E-06	3.1E-05				0E+00		0.00003	
	Manganese	7439965		29.38	2.2E-08	7.7E-07		7.1E-06		0E+00		0.000008	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	1.1E-04				0E+00		0.0001	
	Naphthalene	91203		0.0559	1.1E-06	1.0E-08		6.1E-06	8.9E-14	7.3E-08		0.000006	8.9E-14
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	2.7E-08	7.9E-12			0E+00	0E+00	0.00000003	7.9E-12
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	1.3E-08	2.0E-12	9.6E-07	3.4E-13	0E+00	0E+00	0.000001	2.4E-12
	Tetrachloroethene	127184		0.00318	2.3E-12	1.2E-09	9.0E-13	1.4E-13	3.2E-20	0E+00	0E+00	0.000000001	9.0E-13
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			4.8E-05				0.00005	
	Vanadium	7440622		6.4	4.7E-09	4.7E-06				0E+00		0.00000	
	Zinc	7440666		2105	1.5E-06	2.6E-05				0E+00		0.00003	
	Total (Low Aroclor-1268)					2.1E-03	2.8E-08	7.5E-05	3.6E-12	1.4E-02	1.7E-07	0.016	2.0E-07
	Total (High Aroclor-1268)					3.3E-03	2.8E-08	7.5E-05	3.6E-12	2.3E-02	1.7E-07	0.026	2.0E-07

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg, and the hazard and risk for this compound are 0.01 and 6.8E-08, respectively.

The Total (Low Aroclor-1268) hazard and risk are 0.017 and 2.0E-07, respectively and the Total (High Aroclor-1268) hazard and risk are 0.028 and 2.0E-07, respectively.

Table 22A
RME Risk Calculations - Hypothetical Resident- OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	7.8E-03	1.5E-06	8.0E-05	2.2E-12	9.3E-04	1.8E-07	0.009	1.68E-06
	Benz[a]anthracene	56553		0.347	2.6E-10		1.5E-07		1.2E-14		7.7E-08		2.26E-07
	Benzo[a]pyrene	50328		0.485	3.6E-10		2.1E-06		1.6E-13		1.1E-06		3.16E-06
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		3.0E-07		2.3E-14		1.5E-07		4.50E-07
	Chromium	18540299		5	3.7E-09	2.3E-03	1.5E-06	3.5E-05	1.3E-10	0E+00	0E+00	0.002	1.47E-06
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		1.4E-06		1.2E-13		7.1E-07		2.08E-06
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	2.2E-03				0E+00		0.002	
	Total					1.2E-02	6.9E-06	1.2E-04	1.3E-10	9.3E-04	2.2E-06	0.013	9.06E-06
Child Resident													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	7.2E-02	2.8E-06	8.0E-05	4.4E-13	5.9E-03	2.3E-07	0.078	3.02E-06
	Benz[a]anthracene	56553		0.347	2.6E-10		2.8E-07		2.3E-15		9.7E-08		3.75E-07
	Benzo[a]pyrene	50328		0.485	3.6E-10		3.9E-06		3.2E-14		1.4E-06		5.24E-06
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		5.5E-07		4.6E-15		1.9E-07		7.48E-07
	Chromium	18540299		5	3.7E-09	2.1E-02	2.7E-06	3.5E-05	2.5E-11	0E+00	0E+00	0.021	2.74E-06
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		2.6E-06		2.3E-14		9.0E-07		3.46E-06
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	2.1E-02				0E+00		0.021	
	Total					1.1E-01	1.3E-05	1.2E-04	2.6E-11	5.9E-03	2.8E-06	0.12	1.56E-05
Lifetime Resident (Cancer Risk Only)[1]							1.8E-05		1.3E-10		4.5E-06		2.28E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period

Table 22B
RME Risk Calculations - Hypothetical Resident- Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	1.1E-02	1.9E-07		2.9E-14	6.4E-03	1.1E-07	0.02	3.0E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	2.7E-03	1.6E-07		2.4E-14	1.5E-03	9.0E-08	0.004	2.5E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	9.4E-03	1.6E-07		2.4E-14	5.2E-03	9.0E-08	0.01	2.5E-07
	Arsenic, Inorganic	7440382		1.474	1.1E-09	6.7E-03	1.3E-06	6.9E-05	1.9E-12	8.1E-04	1.6E-07	0.008	1.5E-06
	Benz[a]anthracene	56553		0.213	1.6E-10		9.1E-08		7.1E-15		4.7E-08		1.4E-07
	Benzo[a]pyrene	50328		0.195	1.4E-10		8.4E-07		6.5E-14		4.3E-07		1.3E-06
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		2.6E-08		2.0E-14		1.3E-08		3.9E-08
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		4.1E-08		3.2E-15		2.1E-08		6.3E-08
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	2.9E-04	3.5E-08		3.1E-15	1.2E-04	1.4E-08	0.000	4.9E-08
	Chromium	18540299		5.756	4.2E-09	2.6E-03	1.7E-06	4.1E-05	1.5E-10	0E+00	0E+00	0.003	1.7E-06
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		4.8E-08		4.0E-15		2.5E-08		7.2E-08
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		2.2E-08		1.7E-15		1.1E-08		3.3E-08
	Iron	7439896		8657	6.4E-06	1.7E-02				0E+00		0.017	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	5.8E-02				0E+00		0.06	
	Vanadium	7440622		10.39	7.6E-09	2.8E-03				0E+00		0.003	
	Total (Low Aroclor-1268)					1.0E-01	4.4E-06	1.1E-04	1.5E-10	8.8E-03	9.2E-07	0.11	5.4E-06
	Total (High Aroclor-1268)					1.1E-01	4.4E-06	1.1E-04	1.5E-10	1.3E-02	9.2E-07	0.12	5.4E-06
Child Resident													
	Aroclor 1260 - High Risk	11096825		0.166	1.2E-10	1.1E-01	3.6E-07		5.7E-15	4.0E-02	1.4E-07	0.15	5.0E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.137	1.0E-10	2.5E-02	3.0E-07		4.7E-15	9.5E-03	1.1E-07	0.034	4.1E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.137	1.0E-10	8.8E-02	3.0E-07		4.7E-15	3.3E-02	1.1E-07	0.12	4.1E-07
	Arsenic, Inorganic	7440382		1.474	1.1E-09	6.3E-02	2.4E-06	6.9E-05	3.8E-13	5.1E-03	2.0E-07	0.068	2.6E-06
	Benz[a]anthracene	56553		0.213	1.6E-10		1.7E-07		1.4E-15		6.0E-08		2.3E-07
	Benzo[a]pyrene	50328		0.195	1.4E-10		1.6E-06		1.3E-14		5.5E-07		2.1E-06
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		4.8E-08		4.0E-15		1.7E-08		6.5E-08
	Benzo[b]fluoranthene	205992		0.0964	7.1E-11		7.7E-08		6.4E-16		2.7E-08		1.0E-07
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	2.7E-03	6.6E-08		6.2E-16	7.4E-04	1.8E-08	0.003	8.4E-08
	Chromium	18540299		5.756	4.2E-09	2.5E-02	3.2E-06	4.1E-05	2.9E-11	0E+00	0E+00	0.025	3.2E-06
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		8.9E-08		8.0E-16		3.1E-08		1.2E-07
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		4.1E-08		3.4E-16		1.4E-08		5.5E-08
	Iron	7439896		8657	6.4E-06	1.6E-01				0E+00		0.16	
	Mercury, Inorganic Salts	7487947		12.6	9.3E-09	5.4E-01				0E+00		0.54	
	Vanadium	7440622		10.39	7.6E-09	2.7E-02				0E+00		0.03	
	Total (Low Aroclor-1268)					9.4E-01	8.3E-06	1.1E-04	3.0E-11	5.5E-02	1.2E-06	1.00	9.5E-06
	Total (High Aroclor-1268)					1.0E+00	8.3E-06	1.1E-04	3.0E-11	7.9E-02	1.2E-06	1.08	9.5E-06
Lifetime Resident (Cancer Risk Only)[(1)]							1.2E-05		1.5E-10		1.9E-06		1.4E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield an aggregate risk for the two receptors over the 30 year exposure period.

Table 22C
RME Risk Calculations - Hypothetical Resident- Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	1.8E-02	3.2E-07		6.9E-10	1.0E-02	1.8E-07	0.03	4.9E-07
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	5.9E-02	1.0E-06		1.5E-13	3.3E-02	5.7E-07	0.09	1.6E-06
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	8.3E-02	1.4E-06		2.1E-13	4.7E-02	8.0E-07	0.13	2.2E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	1.0E-01	6.1E-06		9.0E-13	5.7E-02	3.4E-06	0.16	9.5E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	3.6E-01	6.1E-06		9.0E-13	2.0E-01	3.4E-06	0.56	9.5E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	7.3E-03	1.4E-06	7.5E-05	2.1E-12	8.7E-04	1.7E-07	0.008	1.6E-06
	Benz[a]anthracene	56553		0.263	1.9E-10		1.1E-07		8.7E-15		5.8E-08		1.7E-07
	Benzo[a]pyrene	50328		0.28	2.1E-10		1.2E-06		9.3E-14		6.2E-07		1.8E-06
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		1.7E-08		1.3E-14		8.8E-09		2.6E-08
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		6.0E-08		4.7E-15		3.1E-08		9.1E-08
	Carbazole	86748		0.046	3.4E-11		5.4E-10				2.2E-11		5.6E-10
	Chromium	18540299		7.741	5.7E-09	3.5E-03	2.3E-06	5.5E-05	2.0E-10	0E+00	0E+00	0.004	2.3E-06
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		6.4E-07		5.4E-14		3.3E-07		9.8E-07
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		1.0E-07		7.9E-15		5.3E-08		1.5E-07
	Iron	7439896		6603	4.9E-06	1.3E-02				0E+00		0.013	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	4.3E-02				0E+00		0.043	
	Total (Low Aroclor-1268)					3.3E-01	1.5E-05	1.3E-04	8.9E-10	1.5E-01	6.2E-06	0.48	2.1E-05
	Total (High Aroclor-1268)					5.9E-01	1.5E-05	1.3E-04	8.9E-10	2.9E-01	6.2E-06	0.88	2.1E-05
Child Resident													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	1.7E-01	5.9E-07		1.4E-10	6.5E-02	2.2E-07	0.24	8.2E-07
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	5.5E-01	1.9E-06		3.0E-14	2.1E-01	7.1E-07	0.76	2.6E-06
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	7.8E-01	2.7E-06		4.2E-14	2.9E-01	1.0E-06	1.07	3.7E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	9.5E-01	1.1E-05		1.8E-13	3.6E-01	4.3E-06	1.31	1.6E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	3.3E+00	1.1E-05		1.8E-13	1.3E+00	4.3E-06	4.60	1.6E-05
	Arsenic, Inorganic	7440382		1.592	1.2E-09	6.8E-02	2.6E-06	7.5E-05	4.1E-13	5.5E-03	2.1E-07	0.073	2.8E-06
	Benz[a]anthracene	*56553*		*0.263*	*1.9E-10*		*2.1E-07*		*1.7E-15*		*7.4E-08*		*2.8E-07*
	Benzo[a]pyrene	50328		0.28	2.1E-10		2.2E-06		1.9E-14		7.9E-07		3.0E-06
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		3.2E-08		2.6E-15		1.1E-08		4.3E-08
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		1.1E-07		9.3E-16		3.9E-08		1.5E-07
	Carbazole	86748		0.046	3.4E-11		1.0E-09				2.7E-11		1.0E-09
	Chromium	18540299		7.741	5.7E-09	3.3E-02	4.2E-06	5.5E-05	3.9E-11	0E+00	0E+00	0.03	4.2E-06
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		1.2E-06		1.1E-14		4.2E-07		1.6E-06
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		1.9E-07		1.6E-15		6.7E-08		2.6E-07
	Iron	7439896		6603	4.9E-06	1.2E-01				0E+00		0.12	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	4.0E-01				0E+00		0.40	
	Total (Low Aroclor-1268)					3.1E+00	2.7E-05	1.3E-04	1.8E-10	9.3E-01	7.9E-06	4.01	3.5E-05
	Total (High Aroclor-1268)					5.5E+00	2.7E-05	1.3E-04	1.8E-10	1.8E+00	7.9E-06	7.30	3.5E-05
Lifetime Resident (Cancer Risk Only)[1]							3.9E-05		8.9E-10		1.3E-05		5.2E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table 22D
RME Risk Calculations - Hypothetical Resident- Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		12427	9.1E-06	1.7E-02		1.8E-03		0E+00		0.019	
	Antimony	7440360		4.655	3.4E-09	1.6E-02				0E+00		0.016	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	7.8E-02	1.3E-06		2.0E-13	4.3E-02	7.4E-07	0.12	2.1E-06
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	2.8E-02	4.8E-07		7.0E-14	1.6E-02	2.7E-07	0.04	7.4E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	2.8E-02	1.7E-06		2.5E-13	1.6E-02	9.4E-07	0.04	2.6E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	9.8E-02	1.7E-06		2.5E-13	5.5E-02	9.4E-07	0.15	2.6E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	3.9E-02	7.6E-06	4.0E-04	1.1E-11	4.7E-03	9.0E-07	0.04	8.5E-06
	Benz[a]anthracene	56553		0.372	2.7E-10		1.6E-07		1.2E-14		8.3E-08		2.4E-07
	Benzene	71432		0.014	3.7E-06	4.8E-06	4.5E-10	1.2E-04	1.2E-11	0E+00	0E+00	0.0001	4.6E-10
	Benzo[a]pyrene	50328		0.172	1.3E-10		7.4E-07		5.7E-14		3.8E-07		1.1E-06
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		1.5E-07		1.1E-14		7.6E-08		2.2E-07
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		6.5E-09		5.1E-15		3.4E-09		9.9E-09
	Carbazole	86748		0.0474	3.5E-11		5.6E-10				2.2E-11		5.8E-10
	Chromium	18540299		7.627	5.6E-09	3.5E-03	2.2E-06	5.4E-05	1.9E-10	0E+00	0E+00	0.004	2.2E-06
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		6.3E-07		5.3E-14		3.2E-07		9.5E-07
	Dibromochloromethane	124481		4.8	5.6E-04	3.3E-04	2.4E-07		6.2E-09	1.3E-04	9.4E-08	0.000	3.4E-07
	Ethylbenzene	100414		0.107	1.8E-05	1.5E-06	6.9E-10	1.7E-05	1.8E-11	0E+00	0E+00	0.00002	7.1E-10
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		7.3E-08		5.7E-15		3.8E-08		1.1E-07
	Iron	7439896		11105	8.2E-06	2.2E-02				0E+00		0.022	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	1.8E-02				0E+00		0.018	
	Methylene Chloride	75092		0.0136	5.8E-06	3.1E-07	6.0E-11	5.5E-06	1.1E-12	0E+00	0E+00	0.000006	6.1E-11
	Naphthalene	91203		1.289	2.6E-05	8.8E-05		8.3E-03	3.6E-10	4.6E-05		0.008	3.6E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	4.1E-05	3.6E-08			0E+00	0E+00	0.00004	3.6E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	9.4E-04				0E+00		0.001	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	5.5E-01				2.2E-01		0.77	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	4.1E-05	1.9E-08	4.7E-04	5.0E-10	0E+00	0E+00	0.0005	2.0E-08
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	2.2E-05	1.0E-08	2.5E-04	2.7E-10	0E+00	0E+00	0.0003	1.0E-08
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			5.0E-02				0.050	
	Vanadium	7440622		33.66	2.5E-08	9.2E-03				0E+00		0.01	
	Total (Low Aroclor-1268)					8.1E-01	1.5E-05	6.2E-02	7.6E-09	3.0E-01	3.9E-06	1.17	1.9E-05
	Total (High Aroclor-1268)					8.8E-01	1.5E-05	6.2E-02	7.6E-09	3.4E-01	3.9E-06	1.28	1.9E-05

Table 22D
RME Risk Calculations - Hypothetical Resident- Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		12427	9.1E-06	1.6E-01		1.8E-03		0E+00		0.16	
	Antimony	7440360		4.655	3.4E-09	1.5E-01				0E+00		0.15	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	7.2E-01	2.5E-06		3.9E-14	2.7E-01	9.4E-07	1.00	3.4E-06
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	2.6E-01	8.9E-07		1.4E-14	9.8E-02	3.4E-07	0.36	1.2E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	2.6E-01	3.1E-06		4.9E-14	9.9E-02	1.2E-06	0.36	4.3E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	9.1E-01	3.1E-06		4.9E-14	3.4E-01	1.2E-06	1.26	4.3E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	3.7E-01	1.4E-05	4.0E-04	2.2E-12	3.0E-02	1.1E-06	0.40	1.5E-05
	Benz[a]anthracene	56553		0.372	2.7E-10		3.0E-07		2.5E-15		1.0E-07		4.0E-07
	Benzene	71432		0.014	3.7E-06	4.5E-05	8.4E-10	1.2E-04	2.4E-12	0E+00	0E+00	0.0002	8.5E-10
	Benzo[a]pyrene	50328		0.172	1.3E-10		1.4E-06		1.1E-14		4.8E-07		1.9E-06
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		2.7E-07		2.3E-15		9.5E-08		3.7E-07
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		1.2E-08		1.0E-15		4.3E-09		1.6E-08
	Carbazole	86748		0.0474	3.5E-11		1.0E-09				2.8E-11		1.1E-09
	Chromium	18540299		7.627	5.6E-09	3.3E-02	4.2E-06	5.4E-05	3.9E-11	0E+00	0E+00	0.033	4.2E-06
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		1.2E-06		1.1E-14		4.1E-07		1.6E-06
	Dibromochloromethane	124481		4.8	5.6E-04	3.1E-03	4.4E-07		1.2E-09	8.3E-04	1.2E-07	0.004	5.6E-07
	Ethylbenzene	100414		0.107	1.8E-05	1.4E-05	1.3E-09	1.7E-05	3.6E-12	0E+00	0E+00	0.00003	1.3E-09
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		1.4E-07		1.1E-15		4.8E-08		1.8E-07
	Iron	7439896		11105	8.2E-06	2.0E-01				0E+00		0.20	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	1.7E-01				0E+00		0.17	
	Methylene Chloride	75092		0.0136	5.8E-06	2.9E-06	1.1E-10	5.5E-06	2.2E-13	0E+00	0E+00	0.000008	1.1E-10
	Naphthalene	91203		1.289	2.6E-05	8.2E-04		8.3E-03	7.2E-11	2.9E-04		0.009	7.2E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	3.9E-04	6.7E-08			0E+00	0E+00	0.0004	6.7E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	8.8E-03				0E+00		0.009	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	5.1E+00				1.4E+00		6.5	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	3.8E-04	3.6E-08	4.7E-04	1.0E-10	0E+00	0E+00	0.0008	3.6E-08
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	2.0E-04	1.9E-08	2.5E-04	5.3E-11	0E+00	0E+00	0.0004	1.9E-08
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			5.0E-02				0.050	
	Vanadium	7440622		33.66	2.5E-08	8.6E-02				0E+00		0.09	
	Total (Low Aroclor-1268)					7.5E+00	2.9E-05	6.2E-02	1.5E-09	1.9E+00	4.9E-06	9.48	3.3E-05
	Total (High Aroclor-1268)					8.2E+00	2.9E-05	6.2E-02	1.5E-09	2.1E+00	4.9E-06	10.4	3.3E-05
Lifetime Resident (Cancer Risk Only)[1]							4.1E-05		7.6E-09		7.9E-06		4.9E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table 22E
RME Risk Calculations - Hypothetical Resident- Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		3037	2.2E-06	4.2E-03		4.3E-04		0E+00		0.005	
	Antimony	7440360		11.77	8.7E-09	4.0E-02				0E+00		0.040	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	1.7E-02	2.9E-07		4.2E-14	9.4E-03	1.6E-07	0.03	4.5E-07
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	4.6E-01	7.9E-06		1.2E-12	2.6E-01	4.4E-06	0.72	1.2E-05
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	1.8E-01	1.1E-05		1.6E-12	1.0E-01	6.0E-06	0.28	1.7E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	6.3E-01	1.1E-05		1.6E-12	3.5E-01	6.0E-06	0.97	1.7E-05
	Arsenic, Inorganic	7440382		1.176	8.6E-10	5.4E-03	1.0E-06	5.5E-05	1.5E-12	6.4E-04	1.2E-07	0.006	1.2E-06
	Benz[a]anthracene	56553		1.781	1.3E-09		7.6E-07		5.9E-14		4.0E-07		1.2E-06
	Benzo[a]pyrene	50328		0.614	4.5E-10		2.6E-06		2.0E-13		1.4E-06		4.0E-06
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		2.2E-07		1.7E-14		1.1E-07		3.3E-07
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		1.7E-08		1.3E-14		9.0E-09		2.6E-08
	Chloroform	67663		0.0118	4.2E-06	1.6E-06	2.1E-10	4.1E-05	3.9E-11	0E+00	0E+00	0.00004	2.5E-10
	Chromium	18540299		19.75	1.5E-08	9.0E-03	5.8E-06	1.4E-04	5.0E-10	0E+00	0E+00	0.009	5.8E-06
	Chrysene	218019		2.508	1.8E-09		1.1E-08		8.3E-15		5.6E-09		1.6E-08
	Cobalt	7440484		0.787	5.8E-10	3.6E-03		9.2E-05	2.1E-12	0E+00		0.004	2.1E-12
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		2.0E-06		1.7E-13		1.0E-06		3.1E-06
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		2.4E-07		1.9E-14		1.3E-07		3.7E-07
	Iron	7439896		5852	4.3E-06	1.1E-02				0E+00		0.011	
	Manganese	7439965		29.38	2.2E-08	2.9E-04		4.1E-04		0E+00		0.0007	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	4.0E-02				0E+00		0.040	
	Naphthalene	91203		0.0559	1.1E-06	3.8E-06		3.6E-04	1.6E-11	2.0E-06		0.0004	1.6E-11
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	1.0E-05	8.9E-09			0E+00	0E+00	0.00001	8.9E-09
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	4.9E-06	2.3E-09	5.6E-05	6.0E-11	0E+00	0E+00	0.00006	2.4E-09
	Tetrachloroethene	127184		0.00318	2.3E-12	4.4E-07	1.0E-09	8.3E-12	5.7E-18	0E+00	0E+00	0.0000004	1.0E-09
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			2.8E-03				0.003	
	Vanadium	7440622		6.4	4.7E-09	1.8E-03				0E+00		0.002	
	Zinc	7440666		2105	1.5E-06	9.6E-03				0E+00		0.010	
	Total (Low Aroclor-1268)					7.8E-01	3.2E-05	4.4E-03	6.2E-10	3.7E-01	1.4E-05	1.16	4.5E-05
	Total (High Aroclor-1268)					1.2E+00	3.2E-05	4.4E-03	6.2E-10	6.2E-01	1.4E-05	1.85	4.5E-05

Table 22E
RME Risk Calculations - Hypothetical Resident- Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		3037	2.2E-06	3.9E-02		4.3E-04		0E+00		0.039	
	Antimony	7440360		11.77	8.7E-09	3.8E-01				0E+00		0.38	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	1.6E-01	5.4E-07		8.5E-15	5.9E-02	2.0E-07	0.22	7.4E-07
	Aroclor 1260 - High Risk	11096825	See footote (1)	6.759	5.0E-09	4.3E+00	1.5E-05		2.3E-13	1.6E+00	5.6E-06	6.0	2.0E-05
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	1.7E+00	2.0E-05		3.1E-13	6.3E-01	7.6E-06	2.30	2.8E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	5.8E+00	2.0E-05		3.1E-13	2.2E+00	7.6E-06	8.0	2.8E-05
	Arsenic, Inorganic	7440382		1.176	8.6E-10	5.0E-02	1.9E-06	5.5E-05	3.1E-13	4.1E-03	1.6E-07	0.054	2.1E-06
	Benz[a]anthracene	56553		1.781	1.3E-09		1.4E-06		1.2E-14		5.0E-07		1.9E-06
	Benzo[a]pyrene	50328		0.614	4.5E-10		4.9E-06		4.1E-14		1.7E-06		6.6E-06
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		4.0E-07		3.4E-15		1.4E-07		5.5E-07
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		3.2E-08		2.7E-15		1.1E-08		4.4E-08
	Chloroform	67663		0.0118	4.2E-06	1.5E-05	4.0E-10	4.1E-05	7.9E-12	0E+00	0E+00	0.00006	4.1E-10
	Chromium	18540299		19.75	1.5E-08	8.4E-02	1.1E-05	1.4E-04	1.0E-10	0E+00	0E+00	0.084	1.1E-05
	Chrysene	218019		2.508	1.8E-09		2.0E-08		1.7E-15		7.0E-09		2.7E-08
	Cobalt	7440484		0.787	5.8E-10	3.4E-02		9.2E-05	4.3E-13	0E+00		0.034	4.3E-13
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		3.8E-06		3.4E-14		1.3E-06		5.1E-06
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		4.6E-07		3.8E-15		1.6E-07		6.2E-07
	Iron	7439896		5852	4.3E-06	1.1E-01				0E+00		0.11	
	Manganese	7439965		29.38	2.2E-08	2.7E-03		4.1E-04		0E+00		0.003	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	3.7E-01				0E+00		0.37	
	Naphthalene	91203		0.0559	1.1E-06	3.6E-05		3.6E-04	3.1E-12	1.3E-05		0.0004	3.1E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	9.6E-05	1.7E-08			0E+00	0E+00	0.0001	1.7E-08
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	4.5E-05	4.3E-09	5.6E-05	1.2E-11	0E+00	0E+00	0.0001	4.3E-09
	Tetrachloroethene	127184		0.00318	2.3E-12	4.1E-06	1.9E-09	8.3E-12	1.1E-18	0E+00	0E+00	0.000004	1.9E-09
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			2.8E-03				0.003	
	Vanadium	7440622		6.4	4.7E-09	1.6E-02				0E+00		0.02	
	Zinc	7440666		2105	1.5E-06	9.0E-02				0E+00		0.090	
	Total (Low Aroclor-1268)					7.3E+00	5.9E-05	4.4E-03	1.2E-10	2.3E+00	1.7E-05	9.65	7.7E-05
	Total (High Aroclor-1268)					1.1E+01	5.9E-05	4.4E-03	1.2E-10	3.9E+00	1.7E-05	15.4	7.7E-05
Lifetime Resident (Cancer Risk Only)[2]							8.5E-05		6.2E-10		2.8E-05		1.1E-04

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg and the Total (Low Aroclor-1268) hazard and risk are 17.9 and 3.0E-04, respectively and the Total (High Aroclor-1268) hazard and risk are 27.9 and 3.0E-04, respectively.

Table 23A
CTE Risk Calculations - Hypothetical Resident- OTF

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	3.88E-03	2.25E-07	7.99E-05	6.63E-13	7.82E-04	4.53E-08	0.005	2.70E-07
	Benz[a]anthracene	56553		0.347	2.6E-10		2.23E-08		3.46E-15		1.95E-08		4.18E-08
	Benzo[a]pyrene	50328		0.485	3.6E-10		3.12E-07		4.84E-14		2.72E-07		5.84E-07
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		4.45E-08		6.90E-15		3.89E-08		8.33E-08
	Chromium	18540299		5	3.7E-09	1.14E-03	2.20E-07	3.53E-05	3.81E-11	0E+00	0E+00	0.001	2.20E-07
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		2.06E-07		3.48E-14		1.80E-07		3.85E-07
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	1.11E-03				0E+00		0.001	
	Total					6.13E-03	1.03E-06	1.15E-04	3.88E-11	7.82E-04	5.56E-07	0.007	1.58E-06
Child Resident													
	Arsenic, Inorganic	7440382		1.7	1.3E-09	3.62E-02	4.66E-07	7.99E-05	1.47E-13	3.91E-03	5.03E-08	0.040	5.16E-07
	Benz[a]anthracene	56553		0.347	2.6E-10		4.63E-08		7.69E-16		2.17E-08		6.79E-08
	Benzo[a]pyrene	50328		0.485	3.6E-10		6.47E-07		1.07E-14		3.03E-07		9.49E-07
	Benzo[b]fluoranthene	205992		0.692	5.1E-10		9.23E-08		1.53E-15		4.32E-08		1.35E-07
	Chromium	18540299		5	3.7E-09	1.07E-02	4.57E-07	3.53E-05	8.46E-12	0E+00	0E+00	0.011	4.57E-07
	Dibenz[a,h]anthracene	53703		0.32	2.4E-10		4.27E-07		7.74E-15		2.00E-07		6.26E-07
	Mercury, Inorganic Salts	7487947		0.487	3.6E-10	1.04E-02				0E+00		0.010	
	Total					5.73E-02	2.13E-06	1.15E-04	8.63E-12	3.91E-03	6.17E-07	0.06	2.75E-06
Lifetime Resident (Cancer Risk Only)[1]							2.96E-06		3.97E-11		1.06E-06		4.02E-06

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table 23B
CTE Risk Calculations - Hypothetical Resident- Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1260 - High Risk	11096825		0.377	2.8E-10	1.3E-02	6.6E-08		1.9E-14	1.2E-02	6.2E-08	0.03	1.3E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.241	1.8E-10	2.4E-03	4.2E-08		1.2E-14	2.2E-03	4.0E-08	0.005	8.2E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.241	1.8E-10	8.3E-03	4.2E-08		1.2E-14	7.8E-03	4.0E-08	0.02	8.2E-08
	Arsenic, Inorganic	7440382		2.154	1.6E-09	4.9E-03	2.8E-07	1.0E-04	8.4E-13	9.9E-04	5.7E-08	0.006	3.4E-07
	Benz[a]anthracene	56553		0.308	2.3E-10		2.0E-08		3.1E-15		1.7E-08		3.7E-08
	Benzo[a]pyrene	50328		0.285	2.1E-10		1.8E-07		2.8E-14		1.6E-07		3.4E-07
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		3.9E-09		6.0E-15		3.4E-09		7.3E-09
	Benzo[b]fluoranthene	205992		0.141	1.0E-10		9.1E-09		1.4E-15		7.9E-09		1.7E-08
	Bis(2-ethylhexyl)phthalate	117817		7.263	5.3E-09	2.5E-04	9.0E-09		1.6E-15	1.7E-04	6.0E-09	0.000	1.5E-08
	Chromium	18540299		7.067	5.2E-09	1.6E-03	3.1E-07	5.0E-05	5.4E-11	0E+00	0E+00	0.0017	3.1E-07
	Dibenz[a,h]anthracene	53703		0.019	1.4E-11		1.2E-08		2.1E-15		1.1E-08		2.3E-08
	Indeno[1,2,3-cd]pyrene	193395		0.0843	6.2E-11		5.4E-09		8.4E-16		4.7E-09		1.0E-08
	Iron	7439896		9981	7.3E-06	9.8E-03				0E+00		0.010	
	Mercury, Inorganic Salts	7487947		15.9	1.2E-08	3.6E-02				0E+00		0.04	
	Vanadium	7440622		13.44	9.9E-09	1.8E-03				0E+00		0.0018	
	Total (Low Aroclor-1268)					7.0E-02	9.5E-07	1.5E-04	5.5E-11	1.6E-02	3.7E-07	8.56E-02	1.3E-06
	Total (High Aroclor-1268)					7.6E-02	9.5E-07	1.5E-04	5.5E-11	2.1E-02	3.7E-07	9.71E-02	1.3E-06
Child Resident													
	Aroclor 1260 - High Risk	11096825		0.377	2.8E-10	1.2E-01	1.4E-07		4.3E-15	6.1E-02	6.9E-08	0.18	2.1E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.241	1.8E-10	2.2E-02	8.8E-08		2.8E-15	1.1E-02	4.4E-08	0.03	1.3E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.241	1.8E-10	7.7E-02	8.8E-08		2.8E-15	3.9E-02	4.4E-08	0.12	1.3E-07
	Arsenic, Inorganic	7440382		2.154	1.6E-09	4.6E-02	5.9E-07	1.0E-04	1.9E-13	5.0E-03	6.4E-08	0.05	6.5E-07
	Benz[a]anthracene	56553		0.308	2.3E-10		4.1E-08		6.8E-16		1.9E-08		6.0E-08
	Benzo[a]pyrene	50328		0.285	2.1E-10		3.8E-07		6.3E-15		1.8E-07		5.6E-07
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		8.1E-09		1.3E-15		3.8E-09		1.2E-08
	Benzo[b]fluoranthene	205992		0.141	1.0E-10		1.9E-08		3.1E-16		8.8E-09		2.8E-08
	Bis(2-ethylhexyl)phthalate	117817		7.263	5.3E-09	2.3E-03	1.9E-08		3.5E-16	8.4E-04	6.7E-09	0.003	2.5E-08
	Chromium	18540299		7.067	5.2E-09	1.5E-02	6.5E-07	5.0E-05	1.2E-11	0E+00	0E+00	0.015	6.5E-07
	Dibenz[a,h]anthracene	53703		0.019	1.4E-11		2.5E-08		4.6E-16		1.2E-08		3.7E-08
	Indeno[1,2,3-cd]pyrene	193395		0.0843	6.2E-11		1.1E-08		1.9E-16		5.3E-09		1.7E-08
	Iron	7439896		9981	7.3E-06	9.1E-02				0E+00		0.09	
	Mercury, Inorganic Salts	7487947		15.9	1.2E-08	3.4E-01				0E+00		0.34	
	Vanadium	7440622		13.44	9.9E-09	1.7E-02				0E+00		0.017	
	Total (Low Aroclor-1268)					6.5E-01	2.0E-06	1.5E-04	1.2E-11	7.8E-02	4.1E-07	0.73	2.4E-06
	Total (High Aroclor-1268)					7.1E-01	2.0E-06	1.5E-04	1.2E-11	1.1E-01	4.1E-07	0.81	2.4E-06
Lifetime Resident (Cancer Risk Only)[(1)]							2.7E-06		5.6E-11		7.1E-07		3.4E-06

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period

Table 23C
CTE Risk Calculations - Hypothetical Resident- Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	9.2E-03	4.8E-08		2.1E-10	8.7E-03	4.5E-08	0.02	9.2E-08
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	3.0E-02	1.5E-07		4.5E-14	2.8E-02	1.4E-07	0.06	2.9E-07
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	4.2E-02	2.1E-07		6.3E-14	3.9E-02	2.0E-07	0.08	4.2E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	5.1E-02	9.2E-07		2.7E-13	4.8E-02	8.6E-07	0.10	1.8E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	1.8E-01	9.2E-07		2.7E-13	1.7E-01	8.6E-07	0.35	1.8E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	3.6E-03	2.1E-07	7.5E-05	6.2E-13	7.3E-04	4.2E-08	0.004	2.5E-07
	Benz[a]anthracene	56553		0.263	1.9E-10		1.7E-08		2.6E-15		1.5E-08		3.2E-08
	Benzo[a]pyrene	50328		0.28	2.1E-10		1.8E-07		2.8E-14		1.6E-07		3.4E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		2.6E-09		4.0E-15		2.2E-09		4.8E-09
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		9.0E-09		1.4E-15		7.9E-09		1.7E-08
	Carbazole	86748		0.046	3.4E-11		8.1E-11				5.4E-12		8.6E-11
	Chromium	18540299		7.741	5.7E-09	1.8E-03	3.4E-07	5.5E-05	5.9E-11	0E+00	0E+00	0.002	3.4E-07
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		9.6E-08		1.6E-14		8.4E-08		1.8E-07
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		1.5E-08		2.4E-15		1.3E-08		2.9E-08
	Iron	7439896		6603	4.9E-06	6.5E-03				0E+00		0.006	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	2.2E-02				0E+00		0.022	
	Total (Low Aroclor-1268)					1.6E-01	2.2E-06	1.3E-04	2.7E-10	1.2E-01	1.6E-06	0.29	3.8E-06
	Total (High Aroclor-1268)					2.9E-01	2.2E-06	1.3E-04	2.7E-10	2.4E-01	1.6E-06	0.54	3.8E-06
Child Resident													
	Aroclor 1221 - High Risk	11104282		0.27	2.9E-06	8.6E-02	9.9E-08		4.6E-11	4.3E-02	5.0E-08	0.13	1.5E-07
	Aroclor 1254 - High Risk	11097691		0.862	6.3E-10	2.8E-01	3.1E-07		9.9E-15	1.4E-01	1.6E-07	0.41	4.7E-07
	Aroclor 1260 - High Risk	11096825		1.218	9.0E-10	3.9E-01	4.4E-07		1.4E-14	2.0E-01	2.2E-07	0.59	6.7E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.218	3.8E-09	4.8E-01	1.9E-06		6.0E-14	2.4E-01	9.6E-07	0.72	2.9E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.218	3.8E-09	1.7E+00	1.9E-06		6.0E-14	8.4E-01	9.6E-07	2.51	2.9E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	3.4E-02	4.4E-07	7.5E-05	1.4E-13	3.7E-03	4.7E-08	0.038	4.8E-07
	Benz[a]anthracene	56553		0.263	1.9E-10		3.5E-08		5.8E-16		1.6E-08		5.1E-08
	Benzo[a]pyrene	50328		0.28	2.1E-10		3.7E-07		6.2E-15		1.7E-07		5.5E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		5.3E-09		8.8E-16		2.5E-09		7.8E-09
	Benzo[b]fluoranthene	205992		0.14	1.0E-10		1.9E-08		3.1E-16		8.7E-09		2.7E-08
	Carbazole	86748		0.046	3.4E-11		1.7E-10				6.0E-12		1.7E-10
	Chromium	18540299		7.741	5.7E-09	1.6E-02	7.1E-07	5.5E-05	1.3E-11	0E+00	0E+00	0.02	7.1E-07
	Dibenz[a,h]anthracene	53703		0.15	1.1E-10		2.0E-07		3.6E-15		9.4E-08		2.9E-07
	Indeno[1,2,3-cd]pyrene	193395		0.238	1.8E-10		3.2E-08		5.3E-16		1.5E-08		4.7E-08
	Iron	7439896		6603	4.9E-06	6.0E-02				0E+00		0.06	
	Mercury, Inorganic Salts	7487947		9.427	6.9E-09	2.0E-01				0E+00		0.20	
	Total (Low Aroclor-1268)					1.5E+00	4.6E-06	1.3E-04	5.9E-11	6.2E-01	1.8E-06	2.16	6.3E-06
	Total (High Aroclor-1268)					2.7E+00	4.6E-06	1.3E-04	5.9E-11	1.2E+00	1.8E-06	3.95	6.3E-06
Lifetime Resident (Cancer Risk Only)[1]							6.3E-06		2.7E-10		3.0E-06		9.3E-06

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield an aggregate risk for the two receptors over the 30 year exposure period.

Table 23D
CTE Risk Calculations - Hypothetical Resident- Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		12427	9.1E-06	8.5E-03		1.8E-03		0E+00		0.010	
	Antimony	7440360		4.655	3.4E-09	8.0E-03				0E+00		0.008	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	3.9E-02	2.0E-07		5.9E-14	3.7E-02	1.9E-07	0.08	3.9E-07
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	1.4E-02	7.2E-08		2.1E-14	1.3E-02	6.7E-08	0.03	1.4E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	1.4E-02	2.5E-07		7.4E-14	1.3E-02	2.4E-07	0.03	4.9E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	4.9E-02	2.5E-07		7.4E-14	4.6E-02	2.4E-07	0.09	4.9E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	2.0E-02	1.1E-06	4.0E-04	3.3E-12	4.0E-03	2.3E-07	0.02	1.4E-06
	Benz[a]anthracene	56553		0.372	2.7E-10		2.4E-08		3.7E-15		2.1E-08		4.5E-08
	Benzene	71432		0.014	3.7E-06	2.4E-06	6.8E-11	1.2E-04	3.5E-12	0E+00	0E+00	0.0001	7.1E-11
	Benzo[a]pyrene	50328		0.172	1.3E-10		1.1E-07		1.7E-14		9.7E-08		2.1E-07
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		2.2E-08		3.4E-15		1.9E-08		4.1E-08
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		9.8E-10		1.5E-15		8.5E-10		1.8E-09
	Carbazole	86748		0.0474	3.5E-11		8.3E-11				5.6E-12		8.9E-11
	Chromium	18540299		7.627	5.6E-09	1.7E-03	3.4E-07	5.4E-05	5.8E-11	0E+00	0E+00	0.0018	3.4E-07
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		9.4E-08		1.6E-14		8.2E-08		1.8E-07
	Dibromochloromethane	124481		4.8	5.6E-04	1.6E-04	3.6E-08		1.9E-09	1.1E-04	2.4E-08	0.000	6.1E-08
	Ethylbenzene	100414		0.107	1.8E-05	7.3E-07	1.0E-10	1.7E-05	5.4E-12	0E+00	0E+00	0.00002	1.1E-10
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		1.1E-08		1.7E-15		9.5E-09		2.0E-08
	Iron	7439896		11105	8.2E-06	1.1E-02				0E+00		0.011	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	9.2E-03				0E+00		0.009	
	Methylene Chloride	75092		0.0136	5.8E-06	1.6E-07	9.0E-12	5.5E-06	3.3E-13	0E+00	0E+00	0.000006	9.3E-12
	Naphthalene	91203		1.289	2.6E-05	4.4E-05		8.3E-03	1.1E-10	3.9E-05		0.008	1.1E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	2.1E-05	5.4E-09			0E+00	0E+00	0.000021	5.4E-09
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	4.7E-04				0E+00		0.0005	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	2.7E-01				1.8E-01		0.46	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	2.0E-05	2.9E-09	4.7E-04	1.5E-10	0E+00	0E+00	0.0005	3.0E-09
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	1.1E-05	1.5E-09	2.5E-04	8.0E-11	0E+00	0E+00	0.0003	1.6E-09
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			5.0E-02				0.050	
	Vanadium	7440622		33.66	2.5E-08	4.6E-03				0E+00		0.005	
	Total (Low Aroclor-1268)					4.0E-01	2.3E-06	6.2E-02	2.3E-09	2.5E-01	9.7E-07	0.7	3.3E-06
	Total (High Aroclor-1268)					4.4E-01	2.3E-06	6.2E-02	2.3E-09	2.8E-01	9.7E-07	0.8	3.3E-06

Table 23D
CTE Risk Calculations - Hypothetical Resident- Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		12427	9.1E-06	7.9E-02		1.8E-03		0E+00		0.08	
	Antimony	7440360		4.655	3.4E-09	7.4E-02				0E+00		0.07	
	Aroclor 1254 - High Risk	11097691		1.134	8.3E-10	3.6E-01	4.1E-07		1.3E-14	1.8E-01	2.1E-07	0.55	6.2E-07
	Aroclor 1260 - High Risk	11096825		0.407	3.0E-10	1.3E-01	1.5E-07		4.7E-15	6.6E-02	7.5E-08	0.20	2.2E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.427	1.0E-09	1.3E-01	5.2E-07		1.6E-14	6.6E-02	2.6E-07	0.20	7.8E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.427	1.0E-09	4.6E-01	5.2E-07		1.6E-14	2.3E-01	2.6E-07	0.69	7.8E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	1.8E-01	2.4E-06	4.0E-04	7.4E-13	2.0E-02	2.5E-07	0.20	2.6E-06
	Benz[a]anthracene	56553		0.372	2.7E-10		5.0E-08		8.2E-16		2.3E-08		7.3E-08
	Benzene	71432		0.014	3.7E-06	2.2E-05	1.4E-10	1.2E-04	7.9E-13	0E+00	0E+00	0.0001	1.4E-10
	Benzo[a]pyrene	50328		0.172	1.3E-10		2.3E-07		3.8E-15		1.1E-07		3.4E-07
	Benzo[b]fluoranthene	205992		0.34	2.5E-10		4.5E-08		7.5E-16		2.1E-08		6.7E-08
	Benzo[k]fluoranthene	207089		0.152	1.1E-10		2.0E-09		3.4E-16		9.5E-10		3.0E-09
	Carbazole	86748		0.0474	3.5E-11		1.7E-10				6.2E-12		1.8E-10
	Chromium	18540299		7.627	5.6E-09	1.6E-02	7.0E-07	5.4E-05	1.3E-11	0E+00	0E+00	0.016	7.0E-07
	Dibenz[a,h]anthracene	53703		0.146	1.1E-10		1.9E-07		3.5E-15		9.1E-08		2.9E-07
	Dibromochloromethane	124481		4.8	5.6E-04	1.5E-03	7.4E-08		4.2E-10	5.5E-04	2.7E-08	0.002	1.0E-07
	Ethylbenzene	100414		0.107	1.8E-05	6.8E-06	2.1E-10	1.7E-05	1.2E-12	0E+00	0E+00	0.00002	2.2E-10
	Indeno[1,2,3-cd]pyrene	193395		0.17	1.3E-10		2.3E-08		3.8E-16		1.1E-08		3.3E-08
	Iron	7439896		11105	8.2E-06	1.0E-01				0E+00		0.10	
	Mercury, Inorganic Salts	7487947		4.008	2.9E-09	8.5E-02				0E+00		0.09	
	Methylene Chloride	75092		0.0136	5.8E-06	1.4E-06	1.9E-11	5.5E-06	7.4E-14	0E+00	0E+00	0.000007	1.9E-11
	Naphthalene	91203		1.289	2.6E-05	4.1E-04		8.3E-03	2.4E-11	1.9E-04		0.009	2.4E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	1.9E-04	1.1E-08			0E+00	0E+00	0.00019	1.1E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	4.4E-03				0E+00		0.004	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	2.6E+00				9.2E-01		3.48	
	n-Butylbenzene	104518	Ethylbenzene	2.959	4.9E-04	1.9E-04	5.9E-09	4.7E-04	3.3E-11	0E+00	0E+00	0.0007	6.0E-09
	n-Propylbenzene	103651	Ethylbenzene	1.578	2.6E-04	1.0E-04	3.2E-09	2.5E-04	1.8E-11	0E+00	0E+00	0.0003	3.2E-09
	Trimethylbenzene, 1,2,4-	95636		3.123	3.7E-04			5.0E-02				0.050	
	Vanadium	7440622		33.66	2.5E-08	4.3E-02				0E+00		0.043	
	Total (Low Aroclor-1268)					3.8E+00	4.8E-06	6.2E-02	5.1E-10	1.3E+00	1.1E-06	5.09	5.9E-06
	Total (High Aroclor-1268)					4.1E+00	4.8E-06	6.2E-02	5.1E-10	1.4E+00	1.1E-06	5.58	5.9E-06
Lifetime Resident (Cancer Risk Only)[(1)]							6.6E-06		2.3E-09		1.9E-06		8.5E-06

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield an aggregate risk for the two receptors over the 30 year exposure period.

Table 23E
CTE Risk Calculations - Hypothetical Resident- Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		3037	2.2E-06	2.1E-03		4.3E-04		0E+00		0.003	
	Antimony	7440360		11.77	8.7E-09	2.0E-02				0E+00		0.020	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	8.4E-03	4.3E-08		1.3E-14	7.9E-03	4.1E-08	0.02	8.4E-08
	Aroclor 1260 - High Risk	11096825		6.759	5.0E-09	2.3E-01	1.2E-06		3.5E-13	2.2E-01	1.1E-06	0.45	2.3E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	8.9E-02	1.6E-06		4.7E-13	8.4E-02	1.5E-06	0.17	3.1E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	3.1E-01	1.6E-06		4.7E-13	2.9E-01	1.5E-06	0.61	3.1E-06
	Arsenic, Inorganic	7440382		1.176	8.6E-10	2.7E-03	1.6E-07	5.5E-05	4.6E-13	5.4E-04	3.1E-08	0.003	1.9E-07
	Benz[a]anthracene	56553		1.781	1.3E-09		1.1E-07		1.8E-14		1.0E-07		2.1E-07
	Benzo[a]pyrene	50328		0.614	4.5E-10		3.9E-07		6.1E-14		3.4E-07		7.4E-07
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		3.2E-08		5.0E-15		2.8E-08		6.1E-08
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		2.6E-09		4.0E-15		2.3E-09		4.9E-09
	Chloroform	67663		0.0118	4.2E-06	8.1E-07	3.2E-11	4.1E-05	1.2E-11	0E+00	0E+00	0.00004	4.4E-11
	Chromium	18540299		19.75	1.5E-08	4.5E-03	8.7E-07	1.4E-04	1.5E-10	0E+00	0E+00	0.005	8.7E-07
	Chrysene	218019		2.508	1.8E-09		1.6E-09		2.5E-15		1.4E-09		3.0E-09
	Cobalt	7440484		0.787	5.8E-10	1.8E-03		9.2E-05	6.4E-13	0E+00		0.0019	6.4E-13
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		3.0E-07		5.1E-14		2.6E-07		5.7E-07
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		3.7E-08		5.7E-15		3.2E-08		6.9E-08
	Iron	7439896		5852	4.3E-06	5.7E-03				0E+00		0.006	
	Manganese	7439965		29.38	2.2E-08	1.4E-04		4.1E-04		0E+00		0.0006	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	2.0E-02				0E+00		0.020	
	Naphthalene	91203		0.0559	1.1E-06	1.9E-06		3.6E-04	4.7E-12	1.7E-06		0.0004	4.7E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	5.1E-06	1.3E-09			0E+00	0E+00	0.000005	1.3E-09
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	2.4E-06	3.4E-10	5.6E-05	1.8E-11	0E+00	0E+00	0.00006	3.6E-10
	Tetrachloroethene	127184		0.00318	2.3E-12	2.2E-07	1.5E-10	8.3E-12	1.7E-18	0E+00	0E+00	0.00000022	1.5E-10
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			2.8E-03				0.003	
	Vanadium	7440622		6.4	4.7E-09	8.8E-04				0E+00		0.001	
	Zinc	7440666		2105	1.5E-06	4.8E-03				0E+00		0.005	
	Total (Low Aroclor-1268)					3.9E-01	4.8E-06	4.4E-03	1.9E-10	3.1E-01	3.5E-06	0.71	8.2E-06
	Total (High Aroclor-1268)					6.2E-01	4.8E-06	4.4E-03	1.9E-10	5.2E-01	3.5E-06	1.14	8.2E-06

Table 23E
CTE Risk Calculations - Hypothetical Resident- Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		3037	2.2E-06	1.9E-02		4.3E-04		0E+00		0.020	
	Antimony	7440360		11.77	8.7E-09	1.9E-01				0E+00		0.19	
	Aroclor 1254 - High Risk	11097691		0.246	1.8E-10	7.9E-02	9.0E-08		2.8E-15	4.0E-02	4.5E-08	0.12	1.4E-07
	Aroclor 1260 - High Risk	11096825		6.759	5.0E-09	2.2E+00	2.5E-06		7.8E-14	1.1E+00	1.2E-06	3.25	3.7E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.13	6.7E-09	8.3E-01	3.3E-06		1.0E-13	4.2E-01	1.7E-06	1.25	5.0E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.13	6.7E-09	2.9E+00	3.3E-06		1.0E-13	1.5E+00	1.7E-06	4.39	5.0E-06
	Arsenic, Inorganic	7440382		1.176	8.6E-10	2.5E-02	3.2E-07	5.5E-05	1.0E-13	2.7E-03	3.5E-08	0.028	3.6E-07
	Benz[a]anthracene	56553		1.781	1.3E-09		2.4E-07		3.9E-15		1.1E-07		3.5E-07
	Benzo[a]pyrene	50328		0.614	4.5E-10		8.2E-07		1.4E-14		3.8E-07		1.2E-06
	Benzo[b]fluoranthene	205992		0.505	3.7E-10		6.7E-08		1.1E-15		3.2E-08		9.9E-08
	Benzo[k]fluoranthene	207089		0.404	3.0E-10		5.4E-09		9.0E-16		2.5E-09		7.9E-09
	Chloroform	67663		0.0118	4.2E-06	7.5E-06	6.7E-11	4.1E-05	2.6E-12	0E+00	0E+00	0.00005	6.9E-11
	Chromium	18540299		19.75	1.5E-08	4.2E-02	1.8E-06	1.4E-04	3.3E-11	0E+00	0E+00	0.042	1.8E-06
	Chrysene	218019		2.508	1.8E-09		3.3E-09		5.6E-16		1.6E-09		4.9E-09
	Cobalt	7440484		0.787	5.8E-10	1.7E-02		9.2E-05	1.4E-13	0E+00		0.017	1.4E-13
	Dibenz[a,h]anthracene	53703		0.471	3.5E-10		6.3E-07		1.1E-14		2.9E-07		9.2E-07
	Indeno[1,2,3-cd]pyrene	193395		0.57	4.2E-10		7.6E-08		1.3E-15		3.6E-08		1.1E-07
	Iron	7439896		5852	4.3E-06	5.3E-02				0E+00		0.05	
	Manganese	7439965		29.38	2.2E-08	1.3E-03		4.1E-04		0E+00		0.0018	
	Mercury, Inorganic Salts	7487947		8.775	6.5E-09	1.9E-01				0E+00		0.19	
	Naphthalene	91203		0.0559	1.1E-06	1.8E-05		3.6E-04	1.0E-12	8.4E-06		0.0004	1.0E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	4.8E-05	2.8E-09			0E+00	0E+00	0.00005	2.8E-09
	n-Butylbenzene	104518	Ethylbenzene	0.355	5.8E-05	2.3E-05	7.1E-10	5.6E-05	4.0E-12	0E+00	0E+00	0.00008	7.2E-10
	Tetrachloroethene	127184		0.00318	2.3E-12	2.0E-06	3.1E-10	8.3E-12	3.8E-19	0E+00	0E+00	0.0000020	3.1E-10
	Trimethylbenzene, 1,2,4-	95636		0.175	2.1E-05			2.8E-03				0.003	
	Vanadium	7440622		6.4	4.7E-09	8.2E-03				0E+00		0.008	
	Zinc	7440666		2105	1.5E-06	4.5E-02				0E+00		0.045	
	Total (Low Aroclor-1268)					3.7E+00	9.9E-06	4.4E-03	4.2E-11	1.6E+00	3.9E-06	5.21	1.4E-05
	Total (High Aroclor-1268)					5.7E+00	9.9E-06	4.4E-03	4.2E-11	2.6E+00	3.9E-06	8.35	1.4E-05
Lifetime Resident (Cancer Risk Only)[2]							1.4E-05		1.9E-10		6.6E-06		2.0E-05

Notes:

(1) The EPC for Aroclor 1260 was been calculated using 1/2 the detection limit. If the full detection limit is used, the EPC is 7.534 mg/kg and the Total (Low Aroclor-1268) hazard and risk are 7.4 and 4.3E-05, respectively and the Total (High Aroclor-1268) hazard and risk are 11.9 and 4.3E-05, respectively.

(2) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield an aggregate risk for the two receptors over the 30 year exposure period.

Table 24

Risk Assessment Summary - Industrial and Excavation Worker Scenarios

RME Summary (Without TEG Data)

Industrial Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.01		6E-06
Quad 1	0.1	0.1	3E-06
Quad 2	0.4	0.7	1E-05
Quad 3	0.9	1	1E-05
Quad 4	0.9	1	3E-05

Excavation Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.03		3E-07
Quad 1	0.2	0.2	2E-07
Quad 2	0.8	1	6E-07
Quad 3	1	1	4E-07
Quad 4	2	3	1E-06

CTE Summary (Without TEG Data)

Industrial Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.002		4E-07
Quad 1	0.02	0.02	2E-07
Quad 2	0.07	0.1	9E-07
Quad 3	0.2	0.2	8E-07
Quad 4	0.2	0.3	2E-06

Excavation Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.009		4E-08
Quad 1	0.05	0.1	2E-08
Quad 2	0.2	0.4	7E-08
Quad 3	0.4	0.4	6E-08
Quad 4	0.5	0.9	2E-07

RME Summary (Including TEG Data)

Industrial Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.01		6E-06
Quad 1	0.1	0.1	4E-06
Quad 2	0.8	1	2E-05
Quad 3	1	1	2E-05
Quad 4	1	1	3E-05

Excavation Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.03		3E-07
Quad 1	0.4	0.7	3E-07
Quad 2	2	4	1E-06
Quad 3	1	2	1E-06
Quad 4	2	3	2E-06

CTE Summary (Including TEG Data)

Industrial Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.002		4E-07
Quad 1	0.02	0.03	3E-07
Quad 2	0.1	0.2	2E-06
Quad 3	0.2	0.3	1E-06
Quad 4	0.2	0.3	2E-06

Excavation Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.009		4E-08
Quad 1	0.1	0.2	4E-08
Quad 2	0.5	1	1E-07
Quad 3	0.5	0.5	1E-07
Quad 4	0.6	0.8	2E-07

Notes:

(1) Summary includes HI for Aroclor 1268 calculated using lower risk 1016 as a surrogate for RfD values.

(2) Summary includes HI for Aroclor 1268 calculated using higher risk 1054 as a surrogate for RfD values.

(3) Aroclor 1268 was not a COPC in the OTF exposure unit so only one HI summary was calculated.

(4) No TEG data was collected within the OTF boundaries. The HI and ELCR summary values are from the "without TEG data" series of tables.

Table 25

Risk Assessment Summary - Hypothetical Current and Future Trespasser Scenarios

RME Summary (Without TEG Data)

Current Tresspasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.001		3E-07
Quad 1	0.01	0.01	1E-07
Quad 2	0.05	0.09	7E-07
Quad 3	0.1	0.1	5E-07
Quad 4	0.1	0.2	2E-06

Future Trespasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.002		6E-07
Quad 1	0.02	0.02	3E-07
Quad 2	0.11	0.20	2E-06
Quad 3	0.2	0.3	1E-06
Quad 4	0.3	0.4	3E-06

CTE Summary (Without TEG Data)

Current Tresspasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.0001		3E-08
Quad 1	0.001	0.001	2E-08
Quad 2	0.006	0.01	9E-08
Quad 3	0.01	0.02	6E-08
Quad 4	0.02	0.03	2E-07

Future Trespasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.0001		3E-08
Quad 1	0.001	0.001	2E-08
Quad 2	0.006	0.01	9E-08
Quad 3	0.01	0.02	6E-08
Quad 4	0.02	0.03	2E-07

RME Summary (Including TEG Data)

Current Tresspasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.001		3E-07
Quad 1	0.01	0.02	2E-07
Quad 2	0.1	0.2	1E-06
Quad 3	0.1	0.2	7E-07
Quad 4	0.1	0.2	2E-06

Future Trespasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.002		6E-07
Quad 1	0.025	0.034	4E-07
Quad 2	0.23	0.41	3E-06
Quad 3	0.29	0.33	2E-06
Quad 4	0.3	0.4	3E-06

CTE Summary (Including TEG Data)

Current Tresspasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.0001		3E-08
Quad 1	0.001	0.002	2E-08
Quad 2	0.01	0.03	2E-07
Quad 3	0.02	0.02	9E-08
Quad 4	0.02	0.03	2E-07

Future Trespasser Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.0001		3E-08
Quad 1	0.001	0.002	2E-08
Quad 2	0.01	0.03	2E-07
Quad 3	0.02	0.02	9E-08
Quad 4	0.02	0.03	2E-07

Notes:

(1) Summary includes HI for Aroclor 1268 calculated using lower risk 1016 as a surrogate for RfD values.

(2) Summary includes HI for Aroclor 1268 calculated using higher risk 1054 as a surrogate for RfD values.

(3) Aroclor 1268 was not a COPC in the OTF exposure unit so only one HI summary was calculated.

(4) No TEG data was collected within the OTF boundaries. The HI and ELCR summary values are from the "without TEG data" series of tables.

Table 26

Risk Assessment Summary - Hypothetical Residential Scenario

RME Summary (Without TEG Data)

Residential Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.1		2E-05
Quad 1	1	1	1E-05
Quad 2	4	7	5E-05
Quad 3	9	10	5E-05
Quad 4	10	15	1E-04

CTE Summary (Without TEG Data)

Residential Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3]	0.06		4E-06
Quad 1	0.7	0.8	3E-06
Quad 2	2	4	9E-06
Quad 3	5	6	8E-06
Quad 4	5	8	2E-05

RME Summary (Including TEG Data)

Residential Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.1		2E-05
Quad 1	1	2	2E-05
Quad 2	8	15	9E-05
Quad 3	11	13	6E-05
Quad 4	11	15	1E-04

CTE Summary (Including TEG Data)

Residential Summary

Exposure Unit	HI (Low)[1]	HI (High)[2]	ELCR
OTF [3][4]	0.06		4E-06
Quad 1	0.7	0.9	3E-06
Quad 2	4	8	2E-05
Quad 3	6	7	1E-05
Quad 4	6	8	2E-05

Notes:

(1) Summary includes HI for Aroclor 1268 calculated using lower risk 1016 as a surrogate for RfD values.

(2) Summary includes HI for Aroclor 1268 calculated using higher risk 1054 as a surrogate for RfD values.

(3) Aroclor 1268 was not a COPC in the OTF exposure unit so only one HI summary was calculated.

(4) No TEG data was collected within the OTF boundaries. The HI and ELCR summary values are from the "without TEG data" series of tables.

Table 27
Remedial Goal Objectives Summary

Exposure Unit/COCs	Surface Soil EPC (mg/kg)	Resident								Industrial Worker				Subsurface Soil EPC (mg/kg)	Excavation Worker			
		Calculated HQ	RGO[1] at Target HQ of: 0.1	1	3	Calculated ELCR	RGO[2] at Target ELCR of: 1.0E-06	1.0E-05	1.0E-04	Calculated HQ	RGO at Target HQ of: 0.1	1	3		Calculated HQ	RGO (mg/kg) at Target HQ of: 0.1	1	3
Quad 1																		
Aroclor 1260	0.17	0.15	0.11															
Aroclor 1268 (Ar1016 RfD)	0.14	0.03	0.40				Receptor Risk < 1E-4				Receptor HI < 1					Receptor HI < 1		
Aroclor 1268 (Ar1254 RfD)	0.14	0.12	0.11				No RGOs Developed				No RGOs Developed					No RGOs Developed		
Iron	8657	0.16	5475															
Mercury, Inorganic Salts	12.6	0.54	2.35															
Quad 2																		
Aroclor 1221	0.27	0.24	0.11											--	--	parameter HQ < 0.1		
Aroclor 1254	0.86	0.76	0.11											0.64	0.15	0.42		
Aroclor 1260	1.22	1.07	0.11	1.14										1.21	0.29	0.42		
Aroclor 1268 (Ar1016 RfD)	5.22	1.31	0.40	3.97			Receptor Risk < 1E-4				Receptor HI < 1			2.94	0.20	1.47		
Aroclor 1268 (Ar1254 RfD)	5.22	4.60	0.11	1.14	3.41		No RGOs Developed				No RGOs Developed			2.94	0.70	0.42		
Iron	6603	0.12	5475											--	--	parameter HQ < 0.1		
Mercury, Inorganic Salts	9.43	0.40	2.35											--	--	parameter HQ < 0.1		
Quad 3																		
Aluminum	12427	0.16	7736											--	--	parameter HQ < 0.1		
Antimony	4.66	0.15	3.13											--	--	parameter HQ < 0.1		
Aroclor 1254	1.13	1.00	0.11											1.05	0.25	0.42		
Aroclor 1260	0.41	0.36	0.11				Receptor Risk < 1E-4				Receptor HI < 1			--	--	parameter HQ < 0.1		
Aroclor 1268 (Ar1016 RfD)	1.43	0.36	0.40				No RGOs Developed				No RGOs Developed			--	--	parameter HQ < 0.1		
Aroclor 1268 (Ar1254 RfD)	1.43	1.26	0.11	1.14										0.85	0.20	0.42		
Arsenic, Inorganic	8.58	0.40	2.17											--	--	parameter HQ < 0.1		
Iron	11105	0.20	5475											--	--	parameter HQ < 0.1		
Mercury, Inorganic Salts	4.01	0.17	2.35											--	--	parameter HQ < 0.1		
4,6-Dinitro-2-methylphenol	32.0	6.5	0.49	4.93										8.66	0.47	1.83		
Quad 4																		
Antimony	11.8	0.38	3.13			--				--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Aroclor 1254	0.25	0.22	0.11			1.1E-06	0.22			--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Aroclor 1260	6.76	6.0	0.11	1.14	3.41	3.0E-05	0.22	2.23		0.57	1.18			4.70	1.12	0.42	4.19	
Aroclor 1268 (Ar1016 RfD)	9.13	2.3	0.40	3.97		4.1E-05	0.22	2.23		0.22	4.13			--	--	parameter HQ < 0.1		
Aroclor 1268 (Ar1254 RfD)	9.13	8.0	0.11	1.14	3.41	4.1E-05	0.22	2.23		0.77	1.18			6.87	1.64	0.42	4.19	
Arsenic, Inorganic	1.18	--	parameter HQ < 0.1			3.0E-06	0.39			--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Benz[a]anthracene	1.78	--	parameter HQ < 0.1			2.9E-06	0.62			--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Benzo[a]pyrene	0.61	--	parameter HQ < 0.1			9.8E-06	0.062			--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Chromium	19.8	--	parameter HQ < 0.1			1.5E-05	1.28	12.77		--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Dibenz[a,h]anthracene	0.47	--	parameter HQ < 0.1			7.5E-06	0.062			--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Iron	5852	0.11	5475			--				--	parameter HQ < 0.1			--	--	parameter HQ < 0.1		
Mercury, Inorganic Salts	8.78	0.37	2.35			--				--	parameter HQ < 0.1			8.93	0.10	8.93		

Notes:

(1) All RGO values are in units of mg/kg. Calculated RGO values greater than the applicable Soil EPC are not shown.

(2) RGOs based on theoretical cancer risk were calculated for the RME Lifetime Resident Scenario even thought the cumulative ELCR for this receptor (1.1E-4) does not exceed high-end of the CERCLA risk range (1E-4) when rounded to one significant digit.

Table 28

Uncertainty Analysis Summary

Source of Uncertainty	May Underestimate Risk	May Overestimate Risk	May Under or Overestimate Risk
Environmental Sampling and Analysis			
Systematic or random errors in the laboratory analyses of constituents			Low
Samples used to characterize conditions at the Site were collected from locations where it was anticipated to have the highest constituent concentrations		Moderate	
Data from the TEG laboratory were excluded from primary quantitative analysis	Low		
Fate and Transport Modeling			
Fate and transport modeling did not take into account biodegradation or other degradation processes.		Moderate	
Modeling did not take into account interactions that may occur among the different constituents which may influence their migration		Moderate	
Where site-specific data were not available, model input values were selected such that modeling concentrations were conservatively estimated		Moderate	
COPC Selection			
Some analytical detection limits were higher than risk-based screening levels		Moderate	
Surrogate risk-based screening levels used to screen constituents without available toxicity values	Low		
The risk estimates were based on the COPCs only--other constituents were not quantified.	Low		
Exposure Assumptions			
Only primary receptors based upon discussions with USEPA (2006a) of concern were evaluated. Other populations were not assessed/updated.	Low		
Only primary exposure pathways were evaluated. Other pathways were not assessed.	Low		
EPCs were based upon subdividing the site into quadrants.			Moderate
EPCs were based on the assumption that the data is lognormally distributed.			Moderate
Standard default upper-bound values were used to estimate exposures.		Moderate	
Soil ingestion rates may be uncertain		Moderate	
Skin surface area for on-site worker and excavation worker assumes wearing of short-sleeved shirts and no gloves		Moderate	
Exposure point concentrations for ambient outdoor air were based on modeled, rather than measured concentrations.			Moderate
Reasonable maximum exposure values were combined to arrive at the ADD and LADD estimates. There is a low probability that all of the various upper bound assumptions used in the exposure assessment would occur at the point of maximum constituent concentration.		Moderate	
Exposure point concentrations and the amount of media intake were assumed to be constant over time.		Low	

Table 28

Uncertainty Analysis Summary

Source of Uncertainty	May Underestimate Risk	May Overestimate Risk	May Under or Overestimate Risk
Toxicological Data			
RfDs are derived and extrapolated from laboratory animal studies that expose animals to relatively high intakes. Errors are inherent in the extrapolation of data from animals to humans, from high to low doses, and from one exposure route to another.		Moderate	
RfDs used to estimate non-carcinogenic risk are derived from NOAELs which are based on the sensitive endpoints in the sensitive species. As a result, extrapolation of toxicity data from animals to humans is uncertain. There may be differences in metabolism, uptake, or distribution of constituents in the body between animals and humans. To account for this, NOAELs are divided by uncertainty factors spanning several orders of magnitude to establish the RfD. The combination of these two conservative assumptions may establish RfDs which greatly overprotect human health.		Moderate	
CSFs used for the animal carcinogens are the 95% UCL derived from the linearized multistage model using animal chronic bioassay data, which tends to greatly overestimate carcinogenic risk in humans. The linearized multistage model ignores many known factors that have been documented to protect humans against the carcinogenic actions of constituents, such as DNA repair and immunosurveillence.		High	
RfD for aroclor 1254 used to extrapolate to aroclor 1248, 1260 and 1268		Moderate	
RfDs, CSFs and defensible carcinogenicity data were not available for some COPCs, which were therefore not quantitatively evaluated.	Low		

EPS

APPENDIX A

RISK CHARACTERIZATION TABLES – TEG DATA INCLUDED

Table A14B
RME Risk Calculations Including TEG Data - Industrial Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	2.0E-02	2.9E-07		4.2E-14	1.8E-02	2.6E-07	0.038	5.5E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	6.1E-03	3.0E-07		4.5E-14	5.6E-03	2.8E-07	0.012	5.9E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	2.1E-02	3.0E-07		4.5E-14	2.0E-02	2.8E-07	0.04	5.9E-07
	Arsenic, Inorganic	7440382		1.402	1.0E-09	4.1E-03	6.6E-07	4.2E-05	9.8E-13	8.1E-04	1.3E-07	0.005	7.9E-07
	Benz[a]anthracene	56553		0.213	1.6E-10		4.9E-08		3.8E-15		4.2E-08		9.1E-08
	Benzo[a]pyrene	50328		0.195	1.4E-10		4.5E-07		3.5E-14		3.8E-07		8.3E-07
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		1.4E-08		1.1E-14		1.2E-08		2.6E-08
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		2.2E-08		1.7E-15		1.9E-08		4.1E-08
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	1.9E-04	1.9E-08		1.7E-15	1.2E-04	1.2E-08	0.0003	3.1E-08
	Chromium	18540299		5.756	4.2E-09	1.7E-03	9.1E-07	2.6E-05	7.8E-11	0E+00	0E+00	0.002	9.1E-07
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		2.5E-08		2.2E-15		2.2E-08		4.7E-08
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.2E-08		9.1E-16		1.0E-08		2.2E-08
	Iron	7439896		8657	6.4E-06	1.1E-02				0E+00		0.011	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	3.7E-02				0E+00		0.037	
	Vanadium	7440622		10.61	7.8E-09	1.9E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					8.2E-02	2.7E-06	6.8E-05	7.9E-11	2.5E-02	1.2E-06	0.11	3.9E-06
	Total (High Aroclor-1268)					9.7E-02	2.7E-06	6.8E-05	7.9E-11	3.9E-02	1.2E-06	0.14	3.9E-06

Table A14C
RME Risk Calculations Including TEG Data - Industrial Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	1.5E-01	2.2E-06		4.7E-09	1.4E-01	2.0E-06	0.29	4.2E-06
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	6.1E-02	8.7E-07		1.3E-13	5.6E-02	8.0E-07	0.12	1.7E-06
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	5.0E-02	7.1E-07		1.0E-13	4.6E-02	6.6E-07	0.10	1.4E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	1.3E-01	6.4E-06		9.3E-13	1.2E-01	5.9E-06	0.24	1.2E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	4.4E-01	6.4E-06		9.3E-13	4.1E-01	5.9E-06	0.86	1.2E-05
	Arsenic, Inorganic	7440382		1.592	1.2E-09	4.7E-03	7.5E-07	4.8E-05	1.1E-12	9.3E-04	1.5E-07	0.006	9.0E-07
	Benz[a]anthracene	56553		0.208	1.5E-10		4.8E-08		3.7E-15		4.1E-08		8.9E-08
	Benzo[a]pyrene	50328		0.211	1.6E-10		4.8E-07		3.8E-14		4.2E-07		9.0E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		9.1E-09		7.1E-15		7.8E-09		1.7E-08
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		4.6E-08		3.5E-15		3.9E-08		8.5E-08
	Carbazole	86748		0.046	3.4E-11		2.9E-10				1.9E-11		3.1E-10
	Chromium	18540299		7.741	5.7E-09	2.3E-03	1.2E-06	3.5E-05	1.1E-10	0E+00	0E+00	0.002	1.2E-06
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		3.9E-07		3.3E-14		3.4E-07		7.3E-07
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		4.3E-08		3.4E-15		3.7E-08		8.1E-08
	Iron	7439896		6603	4.9E-06	8.3E-03				0E+00		0.008	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	1.2E-02				0E+00		0.01	
	Total (Low Aroclor-1268)					4.2E-01	1.3E-05	8.3E-05	4.8E-09	3.6E-01	1.0E-05	0.78	2.3E-05
	Total (High Aroclor-1268)					7.3E-01	1.3E-05	8.3E-05	4.8E-09	6.5E-01	1.0E-05	1.39	a

Table A14D
RME Risk Calculations Including TEG Data - Industrial Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		12427	9.1E-06	1.1E-02		1.1E-03		0E+00		0.012	
	Antimony	7440360		4.655	3.4E-09	1.0E-02				0E+00		0.010	
	Aroclor 1016	12674112		2.211	1.6E-09	2.8E-02	4.9E-08		7.2E-15	2.6E-02	4.5E-08	0.054	9.4E-08
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	7.9E-02	1.1E-06		1.6E-13	7.3E-02	1.0E-06	0.15	2.2E-06
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	3.2E-02	4.6E-07		6.7E-14	3.0E-02	4.2E-07	0.062	8.8E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	2.8E-02	1.4E-06		2.1E-13	2.6E-02	1.3E-06	0.054	2.7E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	9.8E-02	1.4E-06		2.1E-13	9.1E-02	1.3E-06	0.19	2.7E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	2.5E-02	4.0E-06	2.6E-04	6.0E-12	5.0E-03	8.0E-07	0.030	4.9E-06
	Benz[a]anthracene	56553		0.588	4.3E-10		1.4E-07		1.0E-14		1.2E-07		2.5E-07
	Benzene	71432		0.0589	1.5E-05	1.3E-05	1.0E-09	3.2E-04	2.7E-11	0E+00	0.0E+00	0.0003	1.0E-09
	Benzo[a]pyrene	50328		0.291	2.1E-10		6.7E-07		5.2E-14		5.7E-07		1.2E-06
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		1.1E-07		8.6E-15		9.5E-08		2.1E-07
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		6.0E-09		4.6E-15		5.1E-09		1.1E-08
	Carbazole	86748		0.0474	3.5E-11		3.0E-10				2.0E-11		3.2E-10
	Chromium	18540299		7.627	5.6E-09	2.2E-03	1.2E-06	3.5E-05	1.0E-10	0E+00	0E+00	0.002	1.2E-06
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		6.8E-07		5.8E-14		5.9E-07		1.3E-06
	Dibromochloromethane	124481		0.152	1.8E-05	6.7E-06	4.0E-09		1.1E-10	4.4E-06	2.7E-09	0.00001	6.8E-09
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	3.7E-07	5.0E-11	2.0E-06	6.4E-12	0E+00	0.0E+00	0.000002	5.7E-11
	Ethylbenzene	100414		3.839	6.3E-04	3.4E-05	1.3E-08	3.9E-04	3.5E-10	0E+00	0.0E+00	0.0004	1.4E-08
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		7.2E-08		5.6E-15		6.1E-08		1.3E-07
	Iron	7439896		11105	8.2E-06	1.4E-02				0E+00		0.014	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	1.1E-02				0E+00		0.011	
	Methylene Chloride	75092		0.227	9.6E-05	3.3E-06	5.4E-10	5.9E-05	1.0E-11	0.0E+00	0E+00	0.00006	5.5E-10
	Naphthalene	91203		3.552	7.1E-05	1.6E-04		1.5E-02	5.3E-10	1.3E-04		0.015	5.3E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	2.7E-05	1.9E-08			0E+00	0E+00	0.00003	1.9E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	6.0E-04				0E+00		0.0006	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	3.5E-01				2.3E-01		0.58	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	3.5E-05	1.4E-08	4.1E-04	3.6E-10	0E+00	0E+00	0.0004	1.4E-08
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	1.2E-05	4.6E-09	1.3E-04	1.2E-10	0E+00	0E+00	0.0001	4.7E-09
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	1.3E-06	1.8E-09		2.7E-16	0E+00	0E+00	0.000001	1.8E-09
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			3.5E-02				0.035	
	Vanadium	7440622		33.66	2.5E-08	5.9E-03				0E+00		0.01	
	Total (Low Aroclor-1268)					6.0E-01	1.0E-05	5.2E-02	1.6E-09	3.9E-01	5.0E-06	1.04	1.5E-05
	Total (High Aroclor-1268)					6.7E-01	1.0E-05	5.2E-02	1.6E-09	4.6E-01	5.0E-06	1.18	1.5E-05

Table A14E
RME Risk Calculations Including TEG Data - Industrial Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		3037	2.2E-06	2.7E-03		2.8E-04		0E+00		0.003	
	Antimony	7440360		11.77	8.7E-09	2.6E-02				0E+00		0.026	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	1.1E-01	1.6E-06		2.3E-13	1.0E-01	1.5E-06	0.21	3.1E-06
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	3.3E-01	4.7E-06		6.9E-13	3.0E-01	4.3E-06	0.63	9.0E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	7.9E-02	4.0E-06		5.8E-13	7.3E-02	3.7E-06	0.15	7.6E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	2.8E-01	4.0E-06		5.8E-13	2.6E-01	3.7E-06	0.53	7.6E-06
	Arsenic, Inorganic	7440382		1.176	8.6E-10	3.5E-03	5.5E-07	3.6E-05	8.2E-13	6.8E-04	1.1E-07	0.004	6.6E-07
	Benz[a]anthracene	56553		0.888	6.5E-10		2.0E-07		1.6E-14		1.7E-07		3.8E-07
	Benzo[a]pyrene	50328		0.868	6.4E-10		2.0E-06		1.5E-13		1.7E-06		3.7E-06
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		1.7E-07		1.3E-14		1.4E-07		3.1E-07
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		1.2E-08		9.7E-15		1.1E-08		2.3E-08
	Chloroform	67663		0.0266	9.4E-06	2.3E-06	2.6E-10	5.9E-05	4.8E-11	0E+00	0E+00	0.00006	3.1E-10
	Chromium	18540299		19.75	1.5E-08	5.8E-03	3.1E-06	9.0E-05	2.7E-10	0E+00	0E+00	0.006	3.1E-06
	Chrysene	218019		1.987	1.5E-09		4.6E-09		3.5E-15		3.9E-09		8.5E-09
	Cobalt	7440484		0.823	6.1E-10	2.4E-03		6.2E-05	1.2E-12	0E+00		0.002	1.2E-12
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		6.8E-07		5.8E-14		5.9E-07		1.3E-06
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		1.3E-07		9.7E-15		1.1E-07		2.3E-07
	Iron	7439896		5852	4.3E-06	7.4E-03				0E+00		0.007	
	Manganese	7439965		29.38	2.2E-08	1.8E-04		2.7E-04		0E+00		0.0005	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	1.6E-02				0E+00		0.016	
	Naphthalene	91203		0.618	1.2E-05	2.7E-05		2.5E-03	9.3E-11	2.3E-05		0.003	9.3E-11
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	6.6E-06	4.8E-09			0E+00	0E+00	0.000007	4.8E-09
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	7.5E-07	2.9E-10	8.6E-06	7.7E-12	0E+00	0E+00	0.000009	3.0E-10
	Tetrachloroethene	127184		0.022	1.6E-11	1.9E-06	3.7E-09	3.7E-11	2.1E-17	0E+00	0E+00	0.000002	3.7E-09
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			7.0E-04				0.0007	
	Vanadium	7440622		6.32	4.6E-09	1.1E-03				0E+00		0.001	
	Zinc	7440666		2105	1.5E-06	6.2E-03				0E+00		0.006	
	Total (Low Aroclor-1268)					5.9E-01	1.7E-05	4.0E-03	4.2E-10	4.8E-01	1.2E-05	1.07	2.9E-05
	Total (High Aroclor-1268)					7.9E-01	1.7E-05	4.0E-03	4.2E-10	6.6E-01	1.2E-05	1.45	2.9E-05

Table A15B
CTE Risk Calculations Including TEG Data - Industrial Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	4.9E-03	2.5E-08		1.5E-14	1.8E-03	9.2E-09	0.007	3.4E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	1.5E-03	2.7E-08		1.6E-14	5.5E-04	9.9E-09	0.002	3.7E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	5.2E-03	2.7E-08		1.6E-14	1.9E-03	9.9E-09	0.007	3.7E-08
	Arsenic, Inorganic	7440382		1.402	1.0E-09	1.0E-03	5.8E-08	4.1E-05	3.4E-13	7.9E-05	4.6E-09	0.001	6.3E-08
	Benz[a]anthracene	56553		0.213	1.6E-10		4.3E-09		1.3E-15		1.5E-09		5.8E-09
	Benzo[a]pyrene	50328		0.195	1.4E-10		3.9E-08		1.2E-14		1.3E-08		5.3E-08
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		1.2E-09		3.8E-15		4.2E-10		1.6E-09
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		1.9E-09		6.0E-16		6.6E-10		2.6E-09
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	4.6E-05	1.7E-09		5.9E-16	1.2E-05	4.4E-10	0.0001	2.1E-09
	Chromium	18540299		5.756	4.2E-09	4.1E-04	7.9E-08	2.5E-05	2.7E-11	0E+00	0E+00	0.0004	7.9E-08
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		2.2E-09		7.6E-16		7.7E-10		3.0E-09
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.0E-09		3.2E-16		3.5E-10		1.4E-09
	Iron	7439896		8657	6.4E-06	2.7E-03				0E+00		0.003	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	9.0E-03				0E+00		0.009	
	Vanadium	7440622		10.61	7.8E-09	4.5E-04				0E+00		0.0005	
	Total (Low Aroclor-1268)					2.0E-02	2.4E-07	6.7E-05	2.8E-11	2.4E-03	4.1E-08	0.02	2.8E-07
	Total (High Aroclor-1268)					2.4E-02	2.4E-07	6.7E-05	2.8E-11	3.8E-03	4.1E-08	0.03	2.8E-07

Table 15C
CTE Risk Calculations Including TEG Data - Industrial Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	3.7E-02	1.9E-07		1.7E-09	1.4E-02	7.0E-08	0.051	2.6E-07
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	1.5E-02	7.6E-08		4.4E-14	5.4E-03	2.8E-08	0.020	1.0E-07
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	1.2E-02	6.2E-08		3.6E-14	4.5E-03	2.3E-08	0.017	8.5E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	3.1E-02	5.6E-07		3.3E-13	1.1E-02	2.1E-07	0.042	7.6E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	1.1E-01	5.6E-07		3.3E-13	4.0E-02	2.1E-07	0.15	7.6E-07
	Arsenic, Inorganic	7440382		1.592	1.2E-09	1.1E-03	6.6E-08	4.7E-05	3.9E-13	9.0E-05	5.2E-09	0.001	7.1E-08
	Benz[a]anthracene	56553		0.208	1.5E-10		4.2E-09		1.3E-15		1.4E-09		5.6E-09
	Benzo[a]pyrene	50328		0.211	1.6E-10		4.2E-08		1.3E-14		1.5E-08		5.7E-08
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		8.0E-10		2.5E-15		2.7E-10		1.1E-09
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		4.0E-09		1.2E-15		1.4E-09		5.4E-09
	Carbazole	86748		0.046	3.4E-11		2.5E-11				6.7E-13		2.6E-11
	Chromium	18540299		7.741	5.7E-09	5.5E-04	1.1E-07	3.4E-05	3.7E-11	0E+00	0E+00	0.001	1.1E-07
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		3.4E-08		1.2E-14		1.2E-08		4.6E-08
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		3.8E-09		1.2E-15		1.3E-09		5.1E-09
	Iron	7439896		6603	4.9E-06	2.0E-03				0E+00		0.002	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	2.8E-03				0E+00		0.003	
	Total (Low Aroclor-1268)					1.0E-01	1.1E-06	8.1E-05	1.7E-09	3.5E-02	3.6E-07	0.14	1.5E-06
	Total (High Aroclor-1268)					1.8E-01	1.1E-06	8.1E-05	1.7E-09	6.4E-02	3.6E-07	0.24	1.5E-06

Table A15D
CTE Risk Calculations Including TEG Data - Industrial Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		12427	9.1E-06	2.7E-03		1.1E-03		0E+00		0.004	
	Antimony	7440360		4.655	3.4E-09	2.5E-03				0E+00		0.002	
	Aroclor 1016	12674112		2.211	1.6E-09	6.8E-03	4.3E-09		2.5E-15	2.5E-03	1.6E-09	0.009	5.8E-09
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	1.9E-02	9.8E-08		5.8E-14	7.1E-03	3.6E-08	0.026	1.3E-07
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	7.8E-03	4.0E-08		2.4E-14	2.9E-03	1.5E-08	0.011	5.5E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	6.8E-03	1.2E-07		7.2E-14	2.5E-03	4.5E-08	0.009	1.7E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	2.4E-02	1.2E-07		7.2E-14	8.8E-03	4.5E-08	0.033	1.7E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	6.1E-03	3.5E-07	2.5E-04	2.1E-12	4.9E-04	2.8E-08	0.007	3.8E-07
	Benz[a]anthracene	56553		0.588	4.3E-10		1.2E-08		3.7E-15		4.1E-09		1.6E-08
	Benzene	71432		0.0613	1.6E-05	3.3E-06	9.3E-11	3.2E-04	9.7E-12	0E+00	0.0E+00	0.0003	1.0E-10
	Benzo[a]pyrene	50328		0.291	2.1E-10		5.9E-08		1.8E-14		2.0E-08		7.9E-08
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		9.7E-09		3.0E-15		3.3E-09		1.3E-08
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		5.2E-10		1.6E-15		1.8E-10		7.1E-10
	Carbazole	86748		0.0474	3.5E-11		2.6E-11				6.9E-13		2.7E-11
	Chromium	18540299		7.627	5.6E-09	5.4E-04	1.1E-07	3.4E-05	3.6E-11	0E+00	0E+00	0.001	1.1E-07
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		6.0E-08		2.0E-14		2.1E-08		8.0E-08
	Dibromochloromethane	124481		0.152	1.8E-05	1.6E-06	3.5E-10		3.7E-11	4.3E-07	9.3E-11	0.000002	4.8E-10
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	9.1E-08	4.4E-12	2.0E-06	2.2E-12	0E+00	0E+00	0.000002	6.6E-12
	Ethylbenzene	100414		3.839	6.3E-04	8.2E-06	1.2E-09	3.8E-04	1.2E-10	0E+00	0E+00	0.0004	1.3E-09
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		6.3E-09		1.9E-15		2.2E-09		8.4E-09
	Iron	7439896		11105	8.2E-06	3.4E-03				0E+00		0.003	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	2.7E-03				0E+00		0.003	
	Methylene Chloride	75092		0.227	9.6E-05	8.1E-07	4.7E-11	5.8E-05	3.5E-12	0E+00	0E+00	0.0001	5.0E-11
	Naphthalene	91203		3.552	7.1E-05	3.8E-05		1.4E-02	1.9E-10	1.3E-05		0.014	1.9E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	6.5E-06	1.7E-09			0E+00	0E+00	0.00001	1.7E-09
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	1.5E-04				0E+00		0.0001	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	8.6E-02				2.3E-02		0.11	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	8.6E-06	1.2E-09	4.0E-04	1.3E-10	0E+00	0E+00	0.0004	1.3E-09
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	2.9E-06	4.0E-10	1.3E-04	4.2E-11	0E+00	0E+00	0.0001	4.5E-10
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11								
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			3.4E-02				0.034	
	Vanadium	7440622		33.66	2.5E-08	1.4E-03				0E+00		0.001	
	Total (Low Aroclor-1268)					1.5E-01	8.8E-07	5.1E-02	5.7E-10	3.8E-02	1.8E-07	0.23	1.1E-06
	Total (High Aroclor-1268)					1.6E-01	8.8E-07	5.1E-02	5.7E-10	4.4E-02	1.8E-07	0.26	1.1E-06

Table A15E
CTE Risk Calculations Including TEG Data - Industrial Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Industrial Worker													
	Aluminum	7429905		3037	2.2E-06	6.5E-04		2.7E-04		0E+00		0.0009	
	Antimony	7440360		11.77	8.7E-09	6.3E-03				0E+00		0.006	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	2.7E-02	1.4E-07		8.2E-14	1.0E-02	5.2E-08	0.037	1.9E-07
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	8.0E-02	4.1E-07		2.4E-13	2.9E-02	1.5E-07	0.11	5.6E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	1.9E-02	3.5E-07		2.0E-13	7.1E-03	1.3E-07	0.026	4.7E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	6.7E-02	3.5E-07		2.0E-13	2.5E-02	1.3E-07	0.092	4.7E-07
	Arsenic, Inorganic	7440382		1.176	8.6E-10	8.4E-04	4.9E-08	3.5E-05	2.9E-13	6.7E-05	3.8E-09	0.0009	5.2E-08
	Benz[a]anthracene	56553		0.888	6.5E-10		1.8E-08		5.5E-15		6.1E-09		2.4E-08
	Benzo[a]pyrene	50328		0.868	6.4E-10		1.7E-07		5.4E-14		6.0E-08		2.3E-07
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		1.5E-08		4.6E-15		5.0E-09		2.0E-08
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		1.1E-09		3.4E-15		3.8E-10		1.5E-09
	Chloroform	67663		0.0266	9.4E-06	5.7E-07	2.3E-11	5.8E-05	1.7E-11	0E+00	0E+00	0.0001	3.9E-11
	Chromium	18540299		19.75	1.5E-08	1.4E-03	2.7E-07	8.7E-05	9.4E-11	0E+00	0E+00	0.001	2.7E-07
	Chrysene	218019		1.987	1.5E-09		4.0E-10		1.2E-15		1.4E-10		5.4E-10
	Cobalt	7440484		0.823	6.1E-10	5.9E-04		6.1E-05	4.2E-13	0E+00		0.0006	4.2E-13
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		6.0E-08		2.0E-14		2.1E-08		8.0E-08
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		1.1E-08		3.4E-15		3.8E-09		1.5E-08
	Iron	7439896		5852	4.3E-06	1.8E-03				0E+00		0.002	
	Manganese	7439965		29.38	2.2E-08	4.5E-05		2.6E-04		0E+00		0.0003	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	4.0E-03				0E+00		0.004	
	Naphthalene	91203		0.618	1.2E-05	6.6E-06		2.5E-03	3.2E-11	2.3E-06		0.002	3.2E-11
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	1.6E-06	4.2E-10			0E+00	0E+00	0.000002	4.2E-10
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	1.8E-07	2.6E-11	8.4E-06	2.7E-12	0E+00	0E+00	0.000009	2.9E-11
	Tetrachloroethene	127184		0.022	1.6E-11	4.7E-07	3.3E-10	3.6E-11	7.4E-18	0E+00	0E+00	0.0000005	3.3E-10
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			6.8E-04				0.0007	
	Vanadium	7440622		6.32	4.6E-09	2.7E-04				0E+00		0.0003	
	Zinc	7440666		2105	1.5E-06	1.5E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					1.4E-01	1.5E-06	3.9E-03	1.5E-10	4.7E-02	4.3E-07	0.19	1.9E-06
	Total (High Aroclor-1268)					1.9E-01	1.5E-06	3.9E-03	1.5E-10	6.4E-02	4.3E-07	0.26	1.9E-06

Table A16B
RME Risk Calculations Including TEG Data - Excavation Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1260 - High Risk	11096825		0.497	3.7E-10	8.3E-02	2.4E-08		1.1E-15	3.5E-02	1.0E-08	0.12	3.4E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.768	1.3E-09	8.5E-02	8.5E-08		3.8E-15	3.6E-02	3.6E-08	0.120	1.2E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.768	1.3E-09	3.0E-01	8.5E-08		3.8E-15	1.2E-01	3.6E-08	0.42	1.2E-07
	Arsenic, Inorganic	7440382		1.08	7.9E-10	1.2E-02	3.9E-08	3.8E-05	1.7E-14	1.1E-03	3.5E-09	0.013	4.2E-08
	Benz[a]anthracene	56553		0.171	1.3E-10		3.0E-09		7.0E-17		1.2E-09		4.2E-09
	Benzo[a]pyrene	50328		0.143	1.1E-10		2.5E-08		5.9E-16		9.8E-09		3.5E-08
	Benzo[b/k]fluoranthene	205992		0.413	3.0E-10		7.2E-10		1.7E-16		2.8E-10		1.0E-09
	Benzo[b]fluoranthene	205992		0.104	7.6E-11		1.8E-09		4.3E-17		7.1E-10		2.5E-09
	Bis(2-ethylhexyl)phthalate	117817		2.57	1.9E-09	4.3E-04	8.6E-10		2.3E-17	1.3E-04	2.6E-10	0.001	1.1E-09
	Chromium	18540299		4.98	3.7E-09	5.6E-03	6.0E-08	2.6E-05	1.6E-12	0E+00	0E+00	0.006	6.0E-08
	Dibenz[a,h]anthracene	53703		0.0175	1.3E-11		3.1E-09		7.9E-17		1.2E-09		4.3E-09
	Indeno[1,2,3-cd]pyrene	193395		0.0741	5.4E-11		1.3E-09		3.0E-17		5.1E-10		1.8E-09
	Iron	7439896		6198	4.6E-06	3.0E-02				0E+00		0.030	
	Mercury, Inorganic Salts	7487947		5.541	4.1E-09	6.2E-02				0E+00		0.062	
	Vanadium	7440622		7.845	5.8E-09	5.3E-03				0E+00		0.01	
	Total (Low Aroclor-1268)					2.8E-01	2.4E-07	6.4E-05	1.6E-12	7.2E-02	6.3E-08	0.36	3.1E-07
	Total (High Aroclor-1268)					5.0E-01	2.4E-07	6.4E-05	1.6E-12	1.6E-01	6.3E-08	0.7	b

Table A16C
RME Risk Calculations Including TEG Data - Excavation Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1221 - High Risk	11104282		2.977	3.3E-05	5.0E-01	1.4E-07		9.4E-11	2.1E-01	6.0E-08	0.71	2.0E-07
	Aroclor 1254 - High Risk	11097691		1.204	8.9E-10	2.0E-01	5.8E-08		2.6E-15	8.5E-02	2.4E-08	0.29	8.2E-08
	Aroclor 1260 - High Risk	11096825		1.122	8.3E-10	1.9E-01	5.4E-08		2.4E-15	7.9E-02	2.3E-08	0.27	7.6E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.253	6.8E-09	4.4E-01	4.4E-07		2.0E-14	1.9E-01	1.9E-07	0.63	6.3E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.253	6.8E-09	1.6E+00	4.4E-07		2.0E-14	6.5E-01	1.9E-07	2.21	6.3E-07
	Arsenic, Inorganic	7440382		1.256	9.2E-10	1.4E-02	4.5E-08	4.4E-05	2.0E-14	1.3E-03	4.1E-09	0.015	4.9E-08
	Benz[a]anthracene	56553		0.2	1.5E-10		3.5E-09		8.2E-17		1.4E-09		4.9E-09
	Benzo[a]pyrene	50328		0.203	1.5E-10		3.6E-08		8.4E-16		1.4E-08		4.9E-08
	Benzo[b/k]fluoranthene	205992		0.33	2.4E-10		5.8E-10		1.4E-16		2.3E-10		8.0E-10
	Benzo[b]fluoranthene	205992		0.18	1.3E-10		3.2E-09		7.4E-17		1.2E-09		4.4E-09
	Carbazole	86748		0.046	3.4E-11		2.2E-11				6.6E-13		2.3E-11
	Chromium	18540299		5.48	4.0E-09	6.1E-03	6.6E-08	2.9E-05	1.7E-12	0E+00	0E+00	0.006	6.6E-08
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		3.0E-08		7.7E-16		1.2E-08		4.2E-08
	Indeno[1,2,3-cd]pyrene	193395		0.185	1.4E-10		3.2E-09		7.6E-17		1.3E-09		4.5E-09
	Iron	7439896		3452	2.5E-06	1.7E-02				0E+00		0.017	
	Mercury, Inorganic Salts	7487947		3.038	2.2E-09	3.4E-02				0E+00		0.034	
	Total (Low Aroclor-1268)					1.4E+00	8.9E-07	7.3E-05	9.6E-11	5.6E-01	3.3E-07	1.97	1.2E-06
	Total (High Aroclor-1268)					2.5E+00	8.9E-07	7.3E-05	9.6E-11	1.0E+00	3.3E-07	3.54	1.2E-06

Table A16D
RME Risk Calculations Including TEG Data - Excavation Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		6382	4.7E-06	2.1E-02		6.7E-04		0E+00		0.022	
	Antimony	7440360		3.377	2.5E-09	2.8E-02				0E+00		0.028	
	Aroclor 1016	12674112		0.581	4.3E-10	2.8E-02	9.8E-10		4.3E-17	1.2E-02	4.1E-10	0.040	1.4E-09
	Aroclor 1254 - High Risk	11097691		1.144	8.4E-10	1.9E-01	5.5E-08		2.4E-15	8.1E-02	2.3E-08	0.27	7.8E-08
	Aroclor 1260 - High Risk	11096825		0.737	5.4E-10	1.2E-01	3.5E-08		1.6E-15	5.2E-02	1.5E-08	0.18	5.0E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.578	1.2E-09	7.6E-02	7.6E-08		3.4E-15	3.2E-02	3.2E-08	0.11	1.1E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.578	1.2E-09	2.6E-01	7.6E-08		3.4E-15	1.1E-01	3.2E-08	0.38	1.1E-07
	Arsenic, Inorganic	7440382		3.051	2.2E-09	3.4E-02	1.1E-07	1.1E-04	4.9E-14	3.1E-03	9.9E-09	0.037	1.2E-07
	Benz[a]anthracene	56553		2.136	1.6E-09		3.7E-08		8.8E-16		1.5E-08		5.2E-08
	Benzene	71432		0.376	9.9E-05	3.2E-04	5.0E-10	2.3E-03	3.9E-12	0E+00	0E+00	0.003	5.0E-10
	Benzo[a]pyrene	50328		1.943	1.4E-09		3.4E-07		8.0E-15		1.3E-07		4.7E-07
	Benzo[b]fluoranthene	205992		0.861	6.3E-10		1.5E-08		3.5E-16		5.9E-09		2.1E-08
	Benzo[k]fluoranthene	207089		0.813	6.0E-10		1.4E-09		3.3E-16		5.6E-10		2.0E-09
	bis(2-Chloroethyl) ether	111444		0.38	2.8E-10		1.0E-08		4.7E-16		0.0E+00		1.0E-08
	Carbazole	86748		0.0552	4.1E-11		2.6E-11				7.9E-13		2.7E-11
	Chromium	18540299		5.18	3.8E-09	5.8E-03	6.2E-08	2.7E-05	1.6E-12	0E+00	0E+00	0.006	6.2E-08
	Dibenz[a,h]anthracene			0.245	1.8E-10		4.3E-08		1.1E-15		1.7E-08		6.0E-08
	Dibromochloromethane	124481		0.0767	9.0E-06	1.3E-05	1.5E-10		1.2E-12	3.9E-06	4.6E-11	0.00002	2.0E-10
	Dichlorobenzene, 1,4-	106467		0.198	1.8E-05	9.5E-06	2.6E-11	1.6E-05	9.9E-13	0E+00	0E+00	0.00003	2.7E-11
	Ethylbenzene	100414		3.504	5.7E-04	1.2E-04	9.2E-10	4.1E-04	7.3E-12	0E+00	0E+00	0.001	9.3E-10
	Indeno[1,2,3-cd]pyrene	193395		0.198	1.5E-10		3.5E-09		8.1E-17		1.4E-09		4.8E-09
	Iron	7439896		8533	6.3E-06	4.1E-02				0E+00		0.041	
	Mercury, Inorganic Salts	7487947		2.443	1.8E-09	2.7E-02				0E+00		0.027	
	Methylene Chloride	75092		0.459	1.9E-04	2.6E-05	8.3E-11	1.4E-04	4.7E-13	0E+00	0E+00	0.0002	8.3E-11
	Naphthalene	91203		6.152	1.2E-04	1.0E-03		2.9E-02	2.1E-11	4.0E-04		0.031	2.1E-11
	Naphthalene, 1-Methyl	90120		3.532	5.6E-05	1.7E-04	2.5E-09			0E+00	0E+00	0.0002	2.5E-09
	Naphthalene, 2-Methyl	91576		3.084	4.9E-05	2.6E-03				0E+00		0.003	
	4,6-Dinitro-2-methylphenol	534521		8.811	6.5E-09	3.7E-01				1.1E-01		0.48	
	n-Butylbenzene	104518	Ethylbenzene	6.023	9.9E-04	2.0E-04	1.6E-09	7.0E-04	1.3E-11	0E+00	0E+00	0.001	1.6E-09
	n-Propylbenzene	103651	Ethylbenzene	2.224	3.6E-04	7.5E-05	5.9E-10	2.6E-04	4.6E-12	0E+00	0E+00	0.0003	5.9E-10
	Tetrachloroethane, 1,1,2,2-	79345		0.0447	3.3E-11	7.5E-06	2.1E-10		9.7E-18	0E+00	0E+00	0.00001	2.1E-10
	Trimethylbenzene, 1,2,4-	95636		7.034	8.3E-04			8.4E-02				0.084	
	Vanadium	7440622		40.71	3.0E-08	2.7E-02				0E+00		0.03	
	Total (Low Aroclor-1268)					9.8E-01	8.0E-07	1.2E-01	5.4E-11	2.9E-01	2.5E-07	1.4	1.0E-06
	Total (High Aroclor-1268)					1.2E+00	8.0E-07	1.2E-01	5.4E-11	3.7E-01	2.5E-07	1.7	1.0E-06

Table A16E
RME Risk Calculations Including TEG Data - Excavation Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		6250	4.6E-06	2.1E-02		6.5E-04		0E+00		0.022	
	Antimony	7440360		7.074	5.2E-09	5.9E-02				0E+00		0.059	
	Aroclor 1254 - High Risk	1109769		1.847	1.4E-09	3.1E-01	8.9E-08		3.9E-15	1.3E-01	3.7E-08	0.44	1.3E-07
	Aroclor 1260 - High Risk	11096825		4.377	3.2E-09	7.3E-01	2.1E-07		9.3E-15	3.1E-01	8.8E-08	1.04	3.0E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.164	3.8E-09	2.5E-01	2.5E-07		1.1E-14	1.0E-01	1.0E-07	0.35	3.5E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.164	3.8E-09	8.7E-01	2.5E-07		1.1E-14	3.6E-01	1.0E-07	1.2	3.5E-07
	Arsenic, Inorganic	7440382		2.149	1.6E-09	2.4E-02	7.7E-08	7.5E-05	3.5E-14	2.2E-03	7.0E-09	0.026	8.4E-08
	Benz[a]anthracene	56553		1.564	1.2E-09		2.7E-08		6.4E-16		1.1E-08		3.8E-08
	Benzo[a]pyrene	50328		0.985	7.2E-10		1.7E-07		4.1E-15		6.7E-08		2.4E-07
	Benzo[b]fluoranthene	205992		0.78	5.7E-10		1.4E-08		3.2E-16		5.3E-09		1.9E-08
	Benzo[k]fluoranthene	207089		0.73	5.4E-10		1.3E-09		3.0E-16		5.0E-10		1.8E-09
	Chloroform	67663		0.0407	1.4E-05	1.4E-05	3.0E-11	1.0E-04	1.7E-12	0E+00	0E+00	0.0001	3.2E-11
	Chromium	18540299		14.94	1.1E-08	1.7E-02	1.8E-07	7.8E-05	4.7E-12	0E+00	0E+00	0.017	1.8E-07
	Chrysene	218019		2.265	1.7E-09		4.0E-10		9.3E-17		1.5E-10		5.5E-10
	Cobalt	7440484		0.511	3.8E-10	5.7E-03		4.5E-05	1.7E-14	0E+00		0.006	1.7E-14
	Dibenz[a,h]anthracene	53703		0.688	5.1E-10		1.2E-07		3.1E-15		4.7E-08		1.7E-07
	Indeno[1,2,3-cd]pyrene	193395		0.531	3.9E-10		9.3E-09		2.2E-16		3.6E-09		1.3E-08
	Iron	7439896		5153	3.8E-06	2.5E-02				0E+00		0.025	
	Manganese	7439965		88.26	6.5E-08	2.1E-03		9.2E-04		0E+00		0.003	
	Mercury, Inorganic Salts	7487947		4.936	3.6E-09	5.5E-02				0E+00		0.055	
	Naphthalene	91203		3.447	6.9E-05	5.8E-04		1.6E-02	1.2E-11	2.3E-04		0.017	1.2E-11
	Naphthalene, 1-Methyl	90120		1.312	2.1E-05	6.3E-05	9.1E-10			0E+00	0E+00	0.0001	9.1E-10
	n-Butylbenzene	104518	Ethylbenzene	0.723	1.2E-04	2.4E-05	1.9E-10	8.4E-05	1.5E-12	0E+00	0E+00	0.0001	1.9E-10
	Tetrachloroethene	127184		0.0371	2.7E-11	1.2E-05	4.8E-10	7.2E-11	8.2E-19	0E+00	0E+00	0.00001	4.8E-10
	Trimethylbenzene, 1,2,4-	95636		0.134	1.6E-05			1.6E-03				0.002	
	Vanadium	7440622		8.954	6.6E-09	6.0E-03				0E+00		0.006	
	Zinc	7440666		1177	8.7E-07	1.3E-02				0E+00		0.013	
	Total (Low Aroclor-1268)					1.5E+00	1.1E-06	2.0E-02	2.0E-11	5.5E-01	3.7E-07	2.1	1.5E-06
	Total (High Aroclor-1268)					2.1E+00	1.1E-06	2.0E-02	2.0E-11	8.1E-01	3.7E-07	3.0	1.5E-06

Table A17B

CTE Risk Calculations Including TEG Data - Excavation Worker - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1260 - High Risk	11096825		0.497	3.7E-10	2.5E-02	3.3E-09		4.9E-16	6.7E-03	8.8E-10	0.032	4.2E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.768	1.3E-09	2.6E-02	1.2E-08		1.7E-15	6.8E-03	3.1E-09	0.033	1.5E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.768	1.3E-09	9.0E-02	1.2E-08		1.7E-15	2.4E-02	3.1E-09	0.114	1.5E-08
	Arsenic, Inorganic	7440382		1.08	7.9E-10	3.7E-03	5.4E-09	3.8E-05	8.0E-15	2.1E-04	3.1E-10	0.004	5.7E-09
	Benz[a]anthracene	56553		0.171	1.3E-10		4.2E-10		3.2E-17		1.0E-10		5.2E-10
	Benzo[a]pyrene	50328		0.143	1.1E-10		3.5E-09		2.7E-16		8.6E-10		4.4E-09
	Benzo[b/k]fluoranthene	205992		0.413	3.0E-10		1.0E-10		7.8E-17		2.5E-11		1.3E-10
	Benzo[b]fluoranthene	205992		0.104	7.6E-11		2.5E-10		2.0E-17		6.3E-11		3.2E-10
	Bis(2-ethylhexyl)phthalate	117817		2.57	1.9E-09	1.3E-04	1.2E-10		1.1E-17	2.5E-05	2.3E-11	0.0002	1.4E-10
	Chromium	18540299		4.98	3.7E-09	1.7E-03	8.3E-09	2.6E-05	7.2E-13	0E+00	0E+00	0.002	8.3E-09
	Dibenz[a,h]anthracene	53703		0.0175	1.3E-11		4.3E-10		3.6E-17		1.1E-10		5.3E-10
	Indeno[1,2,3-cd]pyrene	193395		0.0741	5.4E-11		1.8E-10		1.4E-17		4.5E-11		2.3E-10
	Iron	7439896		6198	4.6E-06	9.0E-03				0E+00		0.009	
	Mercury, Inorganic Salts	7487947		5.541	4.1E-09	1.9E-02				0E+00		0.019	
	Vanadium	7440622		7.845	5.8E-09	1.6E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					8.6E-02	3.4E-08	6.4E-05	7.3E-13	1.4E-02	5.6E-09	0.10	3.9E-08
	Total (High Aroclor-1268)					1.5E-01	3.4E-08	6.4E-05	7.3E-13	3.1E-02	5.6E-09	0.18	3.9E-08

Table A17C
CTE Risk Calculations Including TEG Data - Excavation Worker - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aroclor 1221 - High Risk	11104282		2.977	3.3E-05	1.5E-01	2.0E-08		4.3E-11	4.0E-02	5.3E-09	0.19	2.5E-08
	Aroclor 1254 - High Risk	11097691		1.204	8.9E-10	6.1E-02	8.1E-09		1.2E-15	1.6E-02	2.1E-09	0.078	1.0E-08
	Aroclor 1260 - High Risk	11096825		1.122	8.3E-10	5.7E-02	7.5E-09		1.1E-15	1.5E-02	2.0E-09	0.072	9.5E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	9.253	6.8E-09	1.3E-01	6.2E-08		9.1E-15	3.6E-02	1.6E-08	0.17	7.8E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	9.253	6.8E-09	4.7E-01	6.2E-08		9.1E-15	1.3E-01	1.6E-08	0.60	7.8E-08
	Arsenic, Inorganic	7440382		1.256	9.2E-10	4.3E-03	6.3E-09	4.4E-05	9.3E-15	2.4E-04	3.6E-10	0.005	6.7E-09
	Benz[a]anthracene	56553		0.2	1.5E-10		4.9E-10		3.8E-17		1.2E-10		6.1E-10
	Benzo[a]pyrene	50328		0.203	1.5E-10		5.0E-09		3.8E-16		1.2E-09		6.2E-09
	Benzo[b/k]fluoranthene	205992		0.33	2.4E-10		8.1E-11		6.2E-17		2.0E-11		1.0E-10
	Benzo[b]fluoranthene	205992		0.18	1.3E-10		4.4E-10		3.4E-17		1.1E-10		5.5E-10
	Carbazole	86748		0.046	3.4E-11		3.1E-12				5.8E-14		3.1E-12
	Chromium	18540299		5.48	4.0E-09	1.9E-03	9.2E-09	2.9E-05	7.9E-13	0E+00	0E+00		
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		4.2E-09		3.5E-16		1.0E-09		5.2E-09
	Indeno[1,2,3-cd]pyrene	193395		0.185	1.4E-10		4.5E-10		3.5E-17		1.1E-10		5.6E-10
	Iron	7439896		3452	2.5E-06	5.0E-03				0E+00		0.005	
	Mercury, Inorganic Salts	7487947		3.038	2.2E-09	1.0E-02				0E+00		0.010	
	Total (Low Aroclor-1268)					4.3E-01	1.2E-07	7.3E-05	4.4E-11	1.1E-01	2.9E-08	0.53	1.4E-07
	Total (High Aroclor-1268)					7.6E-01	1.2E-07	7.3E-05	4.4E-11	2.0E-01	2.9E-08	0.96	1.4E-07

Table A17D

CTE Risk Calculations Including TEG Data - Excavation Worker - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		6382	4.7E-06	6.5E-03		6.7E-04		0E+00		0.007	
	Antimony	7440360		3.377	2.5E-09	8.6E-03				0E+00		0.009	
	Aroclor 1016	12674112		0.581	4.3E-10	8.4E-03	1.4E-10		2.0E-17	2.2E-03	3.6E-11	0.011	1.7E-10
	Aroclor 1254 - High Risk	11097691		1.144	8.4E-10	5.8E-02	7.7E-09		1.1E-15	1.5E-02	2.0E-09	0.074	9.7E-09
	Aroclor 1260 - High Risk	11096825		0.737	5.4E-10	3.7E-02	4.9E-09		7.2E-16	1.0E-02	1.3E-09	0.047	6.2E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	1.578	1.2E-09	2.3E-02	1.1E-08		1.5E-15	6.1E-03	2.8E-09	0.029	1.3E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	1.578	1.2E-09	8.0E-02	1.1E-08		1.5E-15	2.1E-02	2.8E-09	0.10	1.3E-08
	Arsenic, Inorganic	7440382		3.051	2.2E-09	1.0E-02	1.5E-08	1.1E-04	2.3E-14	5.9E-04	8.7E-10	0.011	1.6E-08
	Benz[a]anthracene	56553		2.136	1.6E-09		5.2E-09		4.0E-16		1.3E-09		6.5E-09
	Benzene	71432		0.376	9.9E-05	9.6E-05	6.9E-11	2.3E-03	1.8E-12	0E+00	0E+00	0.002	7.1E-11
	Benzo[a]pyrene	50328		1.934	1.4E-09		4.7E-08		3.7E-15		1.2E-08		5.9E-08
	Benzo[b]fluoranthene	205992		0.861	6.3E-10		2.1E-09		1.6E-16		5.2E-10		2.6E-09
	Benzo[k]fluoranthene	207089		0.813	6.0E-10		2.0E-10		1.5E-16		4.9E-11		2.5E-10
	bis(2-Chloroethyl) ether	111444		0.38	2.8E-10		1.4E-09		2.2E-16		0.0E+00		1.4E-09
	Carbazole	86748		0.0552	4.1E-11		3.7E-12				7.0E-14		3.8E-12
	Chromium	18540299		5.18	3.8E-09	1.8E-03	8.7E-09	2.7E-05	7.5E-13	0E+00	0E+00	0.002	8.7E-09
	Dibenz[a,h]anthracene	53703		0.245	1.8E-10		6.0E-09		5.1E-16		1.5E-09		7.5E-09
	Dibromochloromethane	124481		0.0767	9.0E-06	3.9E-06	2.2E-11		5.7E-13	7.4E-07	4.1E-12	0.000005	2.6E-11
	Dichlorobenzene, 1,4-	106467		0.198	1.8E-05	2.9E-06	3.6E-12	1.6E-05	4.6E-13	0E+00	0E+00	0.00002	4.0E-12
	Ethylbenzene	100414		3.504	5.7E-04	3.6E-05	1.3E-10	4.1E-04	3.4E-12	0E+00	0E+00	0.0004	1.3E-10
	Indeno[1,2,3-cd]pyrene	193395		0.198	1.5E-10		4.8E-10		3.7E-17		1.2E-10		6.0E-10
	Iron	7439896		8533	6.3E-06	1.2E-02				0E+00		0.012	
	Mercury, Inorganic Salts	7487947		2.443	1.8E-09	8.3E-03				0E+00		0.008	
	Methylene Chloride	75092		0.459	1.9E-04	7.8E-06	1.2E-11	1.4E-04	2.1E-13	0E+00	0E+00	0.0001	1.2E-11
	Naphthalene	91203		6.152	1.2E-04	3.1E-04		2.9E-02	9.8E-12	7.7E-05		0.030	9.8E-12
	Naphthalene, 1-Methyl	90120		3.532	5.6E-05	5.1E-05	3.4E-10			0E+00	0E+00	0.0001	3.4E-10
	Naphthalene, 2-Methyl	91576		3.084	4.9E-05	7.8E-04				0E+00		0.001	
	4,6-Dinitro-2-methylphenol	534521		8.811	6.5E-09	1.1E-01				2.1E-02		0.13	
	n-Butylbenzene	104518	Ethylbenzene	6.023	9.9E-04	6.1E-05	2.2E-10	7.0E-04	5.8E-12	0E+00	0E+00	0.001	2.3E-10
	n-Propylbenzene	103651	Ethylbenzene	2.224	3.6E-04	2.3E-05	8.2E-11	2.6E-04	2.1E-12	0E+00	0E+00	0.0003	8.4E-11
	Tetrachloroethane, 1,1,2,2-	79345		0.0447	3.3E-11	2.3E-06	3.0E-11		4.5E-18	0E+00	0E+00	0.000002	3.0E-11
	Trimethylbenzene, 1,2,4-	95636		7.034	8.3E-04			8.4E-02				0.084	
	Vanadium	7440622		40.71	3.0E-08	8.3E-03				0E+00		0.01	
	Total (Low Aroclor-1268)					3.0E-01	1.1E-07	1.2E-01	2.5E-11	5.6E-02	2.2E-08	0.47	1.3E-07
	Total (High Aroclor-1268)					3.5E-01	1.1E-07	1.2E-01	2.5E-11	7.1E-02	2.2E-08	0.54	1.3E-07

Table A17E
CTE Risk Calculations Including TEG Data - Excavation Worker - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Excavation Worker													
	Aluminum	7429905		6250	4.6E-06	6.4E-03		6.5E-04		0E+00		0.007	
	Antimony	7440360		7.074	5.2E-09	1.8E-02				0E+00		0.018	
	Aroclor 1254 - High Risk	11097691		1.847	1.4E-09	9.4E-02	1.2E-08		1.8E-15	2.5E-02	3.3E-09	0.12	1.6E-08
	Aroclor 1260 - High Risk	11096825		4.377	3.2E-09	2.2E-01	2.9E-08		4.3E-15	5.9E-02	7.8E-09	0.28	3.7E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	5.164	3.8E-09	7.5E-02	3.5E-08		5.1E-15	2.0E-02	9.2E-09	0.095	4.4E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	5.164	3.8E-09	2.6E-01	3.5E-08		5.1E-15	7.0E-02	9.2E-09	0.33	4.4E-08
	Arsenic, Inorganic	7440382		2.149	1.6E-09	7.3E-03	1.1E-08	7.5E-05	1.6E-14	4.2E-04	6.1E-10	0.008	1.1E-08
	Benz[a]anthracene	56553		1.564	1.2E-09		3.8E-09		3.0E-16		9.4E-10		4.8E-09
	Benzo[a]pyrene	50328		0.985	7.2E-10		2.4E-08		1.9E-15		5.9E-09		3.0E-08
	Benzo[b]fluoranthene	205992		0.78	5.7E-10		1.9E-09		1.5E-16		4.7E-10		2.4E-09
	Benzo[k]fluoranthene	207089		0.73	5.4E-10		1.8E-10		1.4E-16		4.4E-11		2.2E-10
	Chloroform	67663		0.0407	1.4E-05	4.1E-06	4.2E-12	1.0E-04	7.7E-13	0E+00	0E+00	0.0001	5.0E-12
	Chromium	18540299		14.94	1.1E-08	5.1E-03	2.5E-08	7.8E-05	2.2E-12	0E+00	0E+00	0.005	2.5E-08
	Chrysene	218019		2.265	1.7E-09		5.5E-11		4.3E-17		1.4E-11		6.9E-11
	Cobalt	7440484		0.511	3.8E-10	1.7E-03		4.5E-05	7.9E-15	0E+00		0.002	7.9E-15
	Dibenz[a,h]anthracene	53703		0.688	5.1E-10		1.7E-08		1.4E-15		4.1E-09		2.1E-08
	Indeno[1,2,3-cd]pyrene	193395		0.531	3.9E-10								
	Iron	7439896		5153	3.8E-06	7.5E-03				0E+00		0.0075	
	Manganese	7439965		88.26	6.5E-08	6.4E-04		9.2E-04		0E+00		0.002	
	Mercury, Inorganic Salts	7487947		4.936	3.6E-09	1.7E-02				0E+00		0.017	
	Naphthalene	91203		3.447	6.9E-05	1.8E-04		1.6E-02	5.5E-12	4.3E-05		0.017	5.5E-12
	Naphthalene, 1-Methyl	90120		1.312	2.1E-05	1.9E-05	1.3E-10			0E+00	0E+00	0.00002	1.3E-10
	n-Butylbenzene	104518	Ethylbenzene	0.723	1.2E-04	7.4E-06	2.7E-11	8.4E-05	6.9E-13	0E+00	0E+00	0.0001	2.7E-11
	Tetrachloroethene	127184		0.0371	2.7E-11	3.8E-06	6.7E-11	7.2E-11	3.8E-19	0E+00	0E+00	0.000004	6.7E-11
	Trimethylbenzene, 1,2,4-	95636		0.134	1.6E-05			1.6E-03				0.002	
	Vanadium	7440622		8.954	6.6E-09	1.8E-03				0E+00		0.002	
	Zinc	7440666		1177	8.7E-07	4.0E-03				0E+00		0.004	
	Total (Low Aroclor-1268)					4.6E-01	1.6E-07	2.0E-02	9.2E-12	1.0E-01	3.2E-08	0.59	1.9E-07
	Total (High Aroclor-1268)					6.5E-01	1.6E-07	2.0E-02	9.2E-12	1.5E-01	3.2E-08	0.82	1.9E-07

Table A18B

RME Risk Calculations Including TEG Data - Current Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	1.7E-03	9.5E-09		1.8E-15	3.7E-03	2.1E-08	0.005	3.0E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	5.1E-04	1.0E-08		1.9E-15	1.1E-03	2.2E-08	0.002	3.2E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	1.8E-03	1.0E-08		1.9E-15	3.9E-03	2.2E-08	0.006	3.2E-08
	Arsenic, Inorganic	7440382		1.402	1.0E-09	3.4E-04	2.2E-08	4.5E-06	4.2E-14	1.6E-04	1.0E-08	0.0005	3.2E-08
	Benz[a]anthracene	56553		0.213	1.6E-10		1.6E-09		1.6E-16		3.3E-09		4.9E-09
	Benzo[a]pyrene	50328		0.195	1.4E-10		1.5E-08		1.5E-15		3.0E-08		4.5E-08
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		4.6E-10		4.6E-16		9.4E-10		1.4E-09
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		7.3E-10		7.3E-17		1.5E-09		2.2E-09
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	1.6E-05	6.3E-10		7.1E-17	2E-05	1E-09	0.00004	1.6E-09
	Chromium	18540299		5.756	4.2E-09	1.4E-04	3.0E-08	2.8E-06	3.3E-12	0E+00	0E+00	0.0001	3.0E-08
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		8.5E-10		9.2E-17		1.7E-09		2.6E-09
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		3.9E-10		3.9E-17		8.0E-10		1.2E-09
	Iron	7439896		8657	6.4E-06	9.0E-04				0E+00		0.001	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	3.1E-03				0E+00		0.003	
	Vanadium	7440622		10.61	7.8E-09	1.6E-04				0E+00		0.0002	
	Total (Low Aroclor-1268)					6.8E-03	9.1E-08	7.3E-06	3.4E-12	5.0E-03	9.3E-08	0.01	1.8E-07
	Total (High Aroclor-1268)					8.0E-03	9.1E-08	7.3E-06	3.4E-12	7.7E-03	9.3E-08	0.02	1.8E-07

Table A18C
RME Risk Calculations Including TEG Data - Current Trespasser - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	1.3E-02	7.2E-08		2.0E-10	2.8E-02	1.6E-07	0.040	2.3E-07
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	5.0E-03	2.9E-08		5.4E-15	1.1E-02	6.3E-08	0.016	9.2E-08
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	4.1E-03	2.4E-08		4.4E-15	9.1E-03	5.2E-08	0.013	7.5E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	1.1E-02	2.1E-07		4.0E-14	2.3E-02	4.7E-07	0.034	6.8E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	3.7E-02	2.1E-07		4.0E-14	8.1E-02	4.7E-07	0.12	6.8E-07
	Arsenic, Inorganic	7440382		1.592	1.2E-09	3.9E-04	2.5E-08	5.1E-06	4.7E-14	1.8E-04	1.2E-08	0.0006	3.7E-08
	Benz[a]anthracene	56553		0.208	1.5E-10		1.6E-09		1.6E-16		3.2E-09		4.8E-09
	Benzo[a]pyrene	50328		0.211	1.6E-10		1.6E-08		1.6E-15		3.3E-08		4.9E-08
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		3.0E-10		3.0E-16		6.2E-10		9.2E-10
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		1.5E-09		1.5E-16		3.1E-09		4.6E-09
	Carbazole	86748		0.046	3.4E-11		9.6E-12				1.5E-12		1.1E-11
	Chromium	18540299		7.741	5.7E-09	1.9E-04	4.0E-08	3.7E-06	4.5E-12	0E+00	0E+00	0.0002	4.0E-08
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		1.3E-08		1.4E-15		2.7E-08		4.0E-08
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		1.4E-09		1.4E-16		3E-09		4.4E-09
	Iron	7439896		6603	4.9E-06	6.9E-04				0E+00		0.0007	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	9.7E-04				0E+00		0.001	
	Total (Low Aroclor-1268)					3.5E-02	4.3E-07	8.9E-06	2.1E-10	7.1E-02	8.2E-07	0.11	1.3E-06
	Total (High Aroclor-1268)					6.1E-02	4.3E-07	8.9E-06	2.1E-10	1.3E-01	8.2E-07	0.19	1.3E-06

Table A18D
RME Risk Calculations Including TEG Data - Current Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		12427	9.1E-06	9.1E-04		1.2E-04		0E+00		0.001	
	Antimony	7440360		4.655	3.4E-09	8.5E-04				0E+00		0.0009	
	Aroclor 1016	12674112		2.211	1.6E-09	2.3E-03	1.6E-09		3.1E-16	5.1E-03	3.6E-09	0.007	5.2E-09
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	6.5E-03	3.7E-08		7.0E-15	1.4E-02	8.2E-08	0.021	1.2E-07
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	2.7E-03	1.5E-08		2.9E-15	5.9E-03	3.4E-08	0.009	4.9E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	2.3E-03	4.7E-08		8.8E-15	5.1E-03	1.0E-07	0.007	1.5E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	8.1E-03	4.7E-08		8.8E-15	1.8E-02	1.0E-07	0.026	1.5E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	2.1E-03	1.3E-07	2.8E-05	2.5E-13	9.9E-04	6.4E-08	0.003	2.0E-07
	Benz[a]anthracene	56553		0.588	4.3E-10		4.5E-09		4.5E-16		9.2E-09		1.4E-08
	Benzene	71432		0.0613	1.6E-05	1.1E-06	3.5E-11	3.5E-05	1.2E-12	0E+00	0E+00	0.00004	3.6E-11
	Benzo[a]pyrene	50328		0.291	2.1E-10		2.2E-08		2.2E-15		4.5E-08		6.8E-08
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		3.7E-09		3.7E-16		7.6E-09		1.1E-08
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		2.0E-10		2.0E-16		4.1E-10		6.1E-10
	Carbazole	86748		0.0474	3.5E-11		9.9E-12				1.6E-12		1.1E-11
	Chromium	18540299		7.627	5.6E-09	1.9E-04	4.0E-08	3.7E-06	4.4E-12	0E+00	0E+00	0.0002	4.0E-08
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		2.3E-08		2.5E-15		4.6E-08		6.9E-08
	Dibromochloromethane	124481		0.152	1.8E-05	5.6E-07	1.3E-10		4.5E-12	9E-07	2E-10	0.000001	3.5E-10
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	3.1E-08	1.7E-12	2.2E-07	2.7E-13	0E+00	0E+00	0.0000002	1.9E-12
	Ethylbenzene	100414		3.839	6.3E-04	2.8E-06	4.4E-10	4.1E-05	1.5E-11	0E+00	0E+00	0.00004	4.6E-10
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		2.4E-09		2.4E-16		4.9E-09		7.2E-09
	Iron	7439896		11105	8.2E-06	1.2E-03				0E+00		0.001	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	9.2E-04				0E+00		0.001	
	Methylene Chloride	75092		0.227	9.6E-05	2.8E-07	1.8E-11	6.3E-06	4.2E-13	0E+00	0E+00	0.000007	1.8E-11
	Naphthalene	91203		3.552	7.1E-05	1.3E-05		1.6E-03	2.3E-11	2.7E-05		0.002	2.3E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	2.2E-06	6.4E-10			0E+00	0E+00	0.000002	6.4E-10
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	5.0E-05				0E+00		0.00005	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	2.9E-02				4.6E-02		0.08	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	2.9E-06	4.6E-10	4.3E-05	1.6E-11	0E+00	0E+00	0.00005	4.8E-10
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	9.7E-07	1.5E-10	1.4E-05	5.1E-12	0E+00	0E+00	0.00002	1.6E-10
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	1.0E-07	6.0E-11		1.1E-17	0E+00	0E+00	0.0000001	6.0E-11
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			3.7E-03				0.004	
	Vanadium	7440622		33.66	2.5E-08	4.9E-04				0E+00		0.0005	
	Total (Low Aroclor-1268)					5.0E-02	3.3E-07	5.6E-03	6.9E-11	7.8E-02	4.0E-07	0.13	7.3E-07
	Total (High Aroclor-1268)					5.6E-02	3.3E-07	5.6E-03	6.9E-11	9.0E-02	4.0E-07	0.15	7.3E-07

Table A18E

RME Risk Calculations Including TEG Data - Current Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		3037	2.2E-06	2.2E-04		2.9E-05		0E+00		0.0003	
	Antimony	7440360		11.77	8.7E-09	2.1E-03				0E+00		0.002	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	9.3E-03	5.3E-08		1.0E-14	2.0E-02	1.2E-07	0.030	1.7E-07
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	2.7E-02	1.6E-07		2.9E-14	6.0E-02	3.4E-07	0.087	5.0E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	6.6E-03	1.3E-07		2.5E-14	1.4E-02	2.9E-07	0.021	4.2E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	2.3E-02	1.3E-07		2.5E-14	5.1E-02	2.9E-07	0.074	4.2E-07
	Arsenic, Inorganic	7440382		1.176	8.6E-10	2.9E-04	1.8E-08	3.8E-06	3.5E-14	1.4E-04	8.7E-09	0.0004	2.7E-08
	Benz[a]anthracene	56553		0.888	6.5E-10		6.8E-09		6.7E-16		1.4E-08		2.1E-08
	Benzo[a]pyrene	50328		0.868	6.4E-10		6.6E-08		6.6E-15		1.4E-07		2.0E-07
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		5.6E-09		5.5E-16		1.1E-08		1.7E-08
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		4.1E-10		4.1E-16		8.5E-10		1.3E-09
	Chloroform	67663		0.0266	9.4E-06	1.9E-07	8.6E-12	6.3E-06	2.0E-12	0E+00	0E+00	0.000007	1.1E-11
	Chromium	18540299		19.75	1.5E-08	4.8E-04	1.0E-07	9.5E-06	1.1E-11	0E+00	0E+00	0.0005	1.0E-07
	Chrysene	218019		1.987	1.5E-09		1.5E-10		1.5E-16		3.1E-10		4.6E-10
	Cobalt	7440484		0.823	6.1E-10	2.0E-04		6.6E-06	5.1E-14	0.0E+00		0.0002	5.1E-14
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		2.3E-08		2.5E-15		4.6E-08		6.9E-08
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		4.2E-09		4.1E-16		8.5E-09		1.3E-08
	Iron	7439896		5852	4.3E-06	6.1E-04				0E+00		0.0006	
	Manganese	7439965		29.38	2.2E-08	1.5E-05		2.8E-05		0E+00		0.00004	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	1.4E-03				0E+00		0.001	
	Naphthalene	91203		0.618	1.2E-05	2.3E-06		2.7E-04	4.0E-12	5E-06		0.0003	4.0E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	5.5E-07	1.6E-10			0E+00	0E+00	0.0000005	1.6E-10
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	6.2E-08	9.8E-12	9.2E-07	3.3E-13	0E+00	0E+00	0.000001	1.0E-11
	Tetrachloroethene	127184		0.022	1.6E-11	1.6E-07	1.2E-10	3.9E-12	9.0E-19	0E+00	0E+00	0.0000002	1.2E-10
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			7.4E-05				0.00007	
	Vanadium	7440622		6.32	4.6E-09	9.2E-05				0E+00		0.0001	
	Zinc	7440666		2105	1.5E-06	5.1E-04				0E+00		0.0005	
	Total (Low Aroclor-1268)					4.9E-02	5.7E-07	4.3E-04	1.8E-11	9.5E-02	9.7E-07	0.14	1.5E-06
	Total (High Aroclor-1268)					6.5E-02	5.7E-07	4.3E-04	1.8E-11	1.3E-01	9.7E-07	0.20	1.5E-06

Table A19B
CTE Risk Calculations Including TEG Data - Current Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	8.3E-05	4.7E-10		4.5E-16	6.4E-04	3.6E-09	0.001	4.1E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	2.5E-05	5.1E-10		4.8E-16	1.9E-04	3.9E-09	0.0002	4.4E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	8.8E-05	5.1E-10		4.8E-16	6.8E-04	3.9E-09	0.001	4.4E-09
	Arsenic, Inorganic	7440382		1.402	1.0E-09	1.7E-05	1.1E-09	1.1E-06	1.0E-14	2.8E-05	1.8E-09	0.00005	2.9E-09
	Benz[a]anthracene	56553		0.213	1.6E-10		8.1E-11		4.0E-17		5.8E-10		6.6E-10
	Benzo[a]pyrene	50328		0.195	1.4E-10		7.4E-10		3.7E-16		5.3E-09		6.1E-09
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		2.3E-11		1.1E-16		1.6E-10		1.9E-10
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		3.7E-11		1.8E-17		2.6E-10		3.0E-10
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	7.9E-07	3.1E-11		1.8E-17	4E-06	2E-10	0.000005	2.0E-10
	Chromium	18540299		5.756	4.2E-09	7.0E-06	1.5E-09	7.0E-07	8.3E-13	0E+00	0E+00	0.000008	1.5E-09
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		4.2E-11		2.3E-17		3.0E-10		3.4E-10
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.9E-11		9.7E-18		1.4E-10		1.6E-10
	Iron	7439896		8657	6.4E-06	4.5E-05				0E+00		0.00005	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	1.5E-04				0E+00		0.0002	
	Vanadium	7440622		10.61	7.8E-09	7.8E-06				0E+00		0.00001	
	Total (Low Aroclor-1268)					3.4E-04	4.6E-09	1.8E-06	8.5E-13	8.7E-04	1.6E-08	0.001	2.1E-08
	Total (High Aroclor-1268)					4.0E-04	4.6E-09	1.8E-06	8.5E-13	1.4E-03	1.6E-08	0.002	2.1E-08

Table A19C
CTE Risk Calculations Including TEG Data - Current Trespasser - Quadrant 2

Quad 2 Trespasser Risk/Hazard Calculations (CTE)

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	6.3E-04	3.6E-09		5.1E-11	4.9E-03	2.8E-08	0.005	3.1E-08
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	2.5E-04	1.4E-09		1.4E-15	1.9E-03	1.1E-08	0.002	1.2E-08
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	2.1E-04	1.2E-09		1.1E-15	1.6E-03	9.1E-09	0.002	1.0E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	5.3E-04	1.1E-08		9.9E-15	4.1E-03	8.1E-08	0.005	9.2E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	1.8E-03	1.1E-08		9.9E-15	1.4E-02	8.1E-08	0.016	9.2E-08
	Arsenic, Inorganic	7440382		1.592	1.2E-09	1.9E-05	1.2E-09	1.3E-06	1.2E-14	3.2E-05	2.1E-09	0.00005	3.3E-09
	Benz[a]anthracene	56553		0.208	1.5E-10		7.9E-11		4.0E-17		5.7E-10		6.5E-10
	Benzo[a]pyrene	50328		0.211	1.6E-10		8.0E-10		4.0E-16		5.7E-09		6.6E-09
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		1.5E-11		7.6E-17		1.1E-10		1.2E-10
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		7.6E-11		3.8E-17		5.4E-10		6.2E-10
	Carbazole	86748		0.046	3.4E-11		4.8E-13				2.6E-13		7.4E-13
	Chromium	18540299		7.741	5.7E-09	9.4E-06	2.0E-09	9.4E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		6.5E-10		3.5E-16		4.7E-09		5.3E-09
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		7.2E-11		3.6E-17		5.1E-10		5.9E-10
	Iron	7439896		6603	4.9E-06	3.4E-05				0E+00		0.00003	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	4.9E-05				0E+00		0.00005	
	Total (Low Aroclor-1268)					1.7E-03	2.2E-08	2.2E-06	5.2E-11	1.2E-02	1.4E-07	0.014	1.7E-07
	Total (High Aroclor-1268)					3.0E-03	2.2E-08	2.2E-06	5.2E-11	2.3E-02	1.4E-07	0.026	1.7E-07

Table A19D

CTE Risk Calculations Including TEG Data - Current Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		12427	9.1E-06	4.5E-05		3.0E-05		0E+00		0.00008	
	Antimony	7440360		4.655	3.4E-09	4.3E-05				0E+00		0.00004	
	Aroclor 1016	12674112		2.211	1.6E-09	1.2E-04	8.1E-11		7.6E-17	8.9E-04	6.2E-10	0.001	7.0E-10
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	3.3E-04	1.9E-09		1.8E-15	2.5E-03	1.4E-08	0.003	1.6E-08
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	1.3E-04	7.6E-10		7.2E-16	1.0E-03	5.9E-09	0.001	6.6E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	1.2E-04	2.3E-09		2.2E-15	9.0E-04	1.8E-08	0.001	2.0E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	4.1E-04	2.3E-09		2.2E-15	3.1E-03	1.8E-08	0.004	2.0E-08
	Arsenic, Inorganic	7440382		8.584	6.3E-09	1.0E-04	6.7E-09	6.9E-06	6.4E-14	1.7E-04	1.1E-08	0.0003	1.8E-08
	Benz[a]anthracene	56553		0.588	4.3E-10		2.2E-10		1.1E-16		1.6E-09		1.8E-09
	Benzene	71432		0.0613	1.6E-05	5.6E-08	1.8E-12	8.8E-06	2.9E-13	0E+00	0E+00	0.000009	2.1E-12
	Benzo[a]pyrene	50328		0.291	2.1E-10		1.1E-09		5.5E-16		7.9E-09		9.0E-09
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		1.8E-10		9.2E-17		1.3E-09		1.5E-09
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		9.9E-12		5.0E-17		7.1E-11		8.1E-11
	Carbazole	86748		0.0474	3.5E-11		4.9E-13				2.7E-13		7.7E-13
	Chromium	18540299		7.627	5.6E-09	9.3E-06	2.0E-09	9.2E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.1E-09		6.2E-16		8.1E-09		9.2E-09
	Dibromochloromethane	124481		0.152	1.8E-05	2.8E-08	6.7E-12		1.1E-12	1.5E-07	3.7E-11	0.0000002	4.4E-11
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	1.5E-09	8.3E-14	5.4E-08	6.8E-14	0E+00	0E+00	0.00000006	1.5E-13
	Ethylbenzene	100414		3.839	6.3E-04	1.4E-07	2.2E-11	1.0E-05	3.7E-12	0E+00	0E+00	0.00001	2.6E-11
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		1.2E-10		5.9E-17		8.5E-10		9.7E-10
	Iron	7439896		11105	8.2E-06	5.8E-05				0E+00		0.00006	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	4.6E-05				0E+00		0.00005	
	Methylene Chloride	75092		0.227	9.6E-05	1.4E-08	8.9E-13	1.6E-06	1.1E-13	0E+00	0E+00	0.000002	9.9E-13
	Naphthalene	91203		3.552	7.1E-05	6.5E-07		3.9E-04	5.7E-12	4.6E-06		0.0004	5.7E-12
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	1.1E-07	3.2E-11			0E+00	0E+00	0.0000001	3.2E-11
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	2.5E-06				0E+00		0.000003	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	1.5E-03				8.0E-03		0.009	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	1.5E-07	2.3E-11	1.1E-05	3.9E-12	0E+00	0E+00	0.00001	2.7E-11
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	4.9E-08	7.7E-12	3.6E-06	1.3E-12	0E+00	0E+00	0.000004	8.9E-12
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	5.2E-09	3.0E-12		2.9E-18	0E+00	0E+00	0.000000005	3.0E-12
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			9.3E-04				0.0009	
	Vanadium	7440622		33.66	2.5E-08	2.5E-05				0.0E+00		0.00002	
	Total (Low Aroclor-1268)					2.5E-03	1.7E-08	1.4E-03	1.7E-11	1.4E-02	7.0E-08	0.017	8.6E-08
	Total (High Aroclor-1268)					2.8E-03	1.7E-08	1.4E-03	1.7E-11	1.6E-02	7.0E-08	0.020	8.6E-08

Table A19E
CTE Risk Calculations Including TEG Data - Current Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Current Trespasser													
	Aluminum	7429905		3037	2.2E-06	1.1E-05		7.3E-06		0E+00		0.00002	
	Antimony	7440360		11.77	8.7E-09	1.1E-04				0E+00		0.0001	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	4.6E-04	2.6E-09		2.5E-15	3.6E-03	2.0E-08	0.004	2.3E-08
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	1.4E-03	7.8E-09		7.3E-15	1.0E-02	6.0E-08	0.012	6.8E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	3.3E-04	6.6E-09		6.2E-15	2.5E-03	5.0E-08	0.003	5.7E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	1.1E-03	6.6E-09		6.2E-15	8.8E-03	5.0E-08	0.010	5.7E-08
	Arsenic, Inorganic	7440382		1.176	8.6E-10	1.4E-05	9.2E-10	9.5E-07	8.7E-15	2.4E-05	1.5E-09	0.00004	2.4E-09
	Benz[a]anthracene	56553		0.888	6.5E-10		3.4E-10		1.7E-16		2.4E-09		2.8E-09
	Benzo[a]pyrene	50328		0.868	6.4E-10		3.3E-09		1.6E-15		2.4E-08		2.7E-08
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		2.8E-10		1.4E-16		2.0E-09		2.3E-09
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		2.1E-11		1.0E-16		1.5E-10		1.7E-10
	Chloroform	67663		0.0266	9.4E-06	9.7E-09	4.3E-13	1.6E-06	5.1E-13	0E+00	0E+00	0.000002	9.4E-13
	Chromium	18540299		19.75	1.5E-08	2.4E-05	5.2E-09	2.4E-06	2.9E-12	0E+00	0E+00	0.00003	5.2E-09
	Chrysene	218019		1.987	1.5E-09		7.6E-12		3.8E-17		5.4E-11		6.2E-11
	Cobalt	7440484		0.823	6.1E-10	1.0E-05		1.7E-06	1.3E-14	0E+00		0.00001	1.3E-14
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.1E-09		6.2E-16		8.1E-09		9.2E-09
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		2.1E-10		1.0E-16		1.5E-09		1.7E-09
	Iron	7439896		5852	4.3E-06	3.1E-05				0E+00		0.00003	
	Manganese	7439965		29.38	2.2E-08	7.7E-07		7.1E-06		0E+00		0.000008	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	6.8E-05				0E+00		0.0001	
	Naphthalene	91203		0.618	1.2E-05	1.1E-07		6.8E-05	9.9E-13	8.1E-07		0.00007	9.9E-13
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	2.7E-08	7.9E-12			0E+00	0E+00	0.00000003	7.9E-12
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	3.1E-09	4.9E-13	2.3E-07	8.2E-14	0E+00	0E+00	0.0000002	5.7E-13
	Tetrachloroethene	127184		0.022	1.6E-11	8.0E-09	6.2E-12	9.8E-13	2.2E-19	0E+00	0E+00	0.000000008	6.2E-12
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.9E-05				0.00002	
	Vanadium	7440622		6.32	4.6E-09	4.6E-06				0E+00		0.000005	
	Zinc	7440666		2105	1.5E-06	2.6E-05				0E+00		0.00003	
	Total (Low Aroclor-1268)					2.4E-03	2.8E-08	1.1E-04	4.5E-12	1.7E-02	1.7E-07	0.019	2.0E-07
	Total (High Aroclor-1268)					3.3E-03	2.8E-08	1.1E-04	4.5E-12	2.3E-02	1.7E-07	0.026	2.0E-07

Table A20B

CTE Risk Calculations Including TEG Data - Future Trespasser - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	8.3E-05	4.7E-10		4.5E-16	6.4E-04	3.6E-09	0.001	4.1E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	2.5E-05	5.1E-10		4.8E-16	1.9E-04	3.9E-09	0.0002	4.4E-09
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	8.8E-05	5.1E-10		4.8E-16	6.8E-04	3.9E-09	0.001	4.4E-09
	Arsenic, Inorganic	7440382		1.402	1.0E-09	1.7E-05	1.1E-09	1.1E-06	1.0E-14	2.8E-05	1.8E-09	0.00005	2.9E-09
	Benz[a]anthracene	56553		0.213	1.6E-10		8.1E-11		4.0E-17		5.8E-10		6.6E-10
	Benzo[a]pyrene	50328		0.195	1.4E-10		7.4E-10		3.7E-16		5.3E-09		6.1E-09
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		2.3E-11		1.1E-16		1.6E-10		1.9E-10
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		3.7E-11		1.8E-17		2.6E-10		3.0E-10
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	7.9E-07	3.1E-11		1.8E-17	4E-06	2E-10	0.000005	2.0E-10
	Chromium	18540299		5.756	4.2E-09	7.0E-06	1.5E-09	7.0E-07	8.3E-13	0E+00	0E+00	0.000008	1.5E-09
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		4.2E-11		2.3E-17		3.0E-10		3.4E-10
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		1.9E-11		9.7E-18		1.4E-10		1.6E-10
	Iron	7439896		8657	6.4E-06	4.5E-05				0E+00		0.00005	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	1.5E-04				0E+00		0.0002	
	Vanadium	7440622		10.61	7.8E-09	7.8E-06				0E+00		0.00001	
	Total (Low Aroclor-1268)					3.4E-04	4.6E-09	1.8E-06	8.5E-13	8.7E-04	1.6E-08	0.001	2.1E-08
	Total (High Aroclor-1268)					4.0E-04	4.6E-09	1.8E-06	8.5E-13	1.4E-03	1.6E-08	0.002	2.1E-08

Table A20C
CTE Risk Calculations Including TEG Data - Future Trespasser - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	6.3E-04	3.6E-09		5.1E-11	4.9E-03	2.8E-08	0.005	3.1E-08
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	2.5E-04	1.4E-09		1.4E-15	1.9E-03	1.1E-08	0.002	1.2E-08
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	2.1E-04	1.2E-09		1.1E-15	1.6E-03	9.1E-09	0.002	1.0E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	5.3E-04	1.1E-08		9.9E-15	4.1E-03	8.1E-08	0.005	9.2E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	1.8E-03	1.1E-08		9.9E-15	1.4E-02	8.1E-08	0.016	9.2E-08
	Arsenic, Inorganic	7440382		1.592	1.2E-09	1.9E-05	1.2E-09	1.3E-06	1.2E-14	3.2E-05	2.1E-09	0.00005	3.3E-09
	Benz[a]anthracene	56553		0.208	1.5E-10		7.9E-11		4.0E-17		5.7E-10		6.5E-10
	Benzo[a]pyrene	50328		0.211	1.6E-10		8.0E-10		4.0E-16		5.7E-09		6.6E-09
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		1.5E-11		7.6E-17		1.1E-10		1.2E-10
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		7.6E-11		3.8E-17		5.4E-10		6.2E-10
	Carbazole	86748		0.046	3.4E-11		4.8E-13				2.6E-13		7.4E-13
	Chromium	18540299		7.741	5.7E-09	9.4E-06	2.0E-09	9.4E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		6.5E-10		3.5E-16		4.7E-09		5.3E-09
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		7.2E-11		3.6E-17		5.1E-10		5.9E-10
	Iron	7439896		6603	4.9E-06	3.4E-05				0E+00		0.00003	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	4.9E-05				0E+00		0.00005	
	Total (Low Aroclor-1268)					1.7E-03	2.2E-08	2.2E-06	5.2E-11	1.2E-02	1.4E-07	0.014	1.7E-07
	Total (High Aroclor-1268)					3.0E-03	2.2E-08	2.2E-06	5.2E-11	2.3E-02	1.4E-07	0.026	1.7E-07

Table A20D
CTE Risk Calculations Including TEG Data - Future Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC	Air EPC	Ingestion		Inhalation		Dermal		Total	
				(mg/kg)	(mg/m^3)	Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		12427	9.1E-06	4.5E-05		3.0E-05		0E+00		0.00008	
	Antimony	7440360		4.655	3.4E-09	4.3E-05				0E+00		0.00004	
	Aroclor 1016	12674112		2.211	1.6E-09	1.2E-04	8.1E-11		7.6E-17	8.9E-04	6.2E-10	0.001	7.0E-10
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	3.3E-04	1.9E-09		1.8E-15	2.5E-03	1.4E-08	0.003	1.6E-08
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	1.3E-04	7.6E-10		7.2E-16	1.0E-03	5.9E-09	0.001	6.6E-09
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	1.2E-04	2.3E-09		2.2E-15	9.0E-04	1.8E-08	0.001	2.0E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	4.1E-04	2.3E-09		2.2E-15	3.1E-03	1.8E-08	0.004	2.0E-08
	Arsenic, Inorganic	7440382		8.584	6.3E-09	1.0E-04	6.7E-09	6.9E-06	6.4E-14	1.7E-04	1.1E-08	0.0003	1.8E-08
	Benz[a]anthracene	56553		0.588	4.3E-10		2.2E-10		1.1E-16		1.6E-09		1.8E-09
	Benzene	71432		0.0613	1.6E-05	5.6E-08	1.8E-12	8.8E-06	2.9E-13	0E+00	0E+00	0.000009	2.1E-12
	Benzo[a]pyrene	50328		0.291	2.1E-10		1.1E-09		5.5E-16		7.9E-09		9.0E-09
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		1.8E-10		9.2E-17		1.3E-09		1.5E-09
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		9.9E-12		5.0E-17		7.1E-11		8.1E-11
	Carbazole	86748		0.0474	3.5E-11		4.9E-13				2.7E-13		7.7E-13
	Chromium	18540299		7.627	5.6E-09	9.3E-06	2.0E-09	9.2E-07	1.1E-12	0E+00	0E+00	0.00001	2.0E-09
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.1E-09		6.2E-16		8.1E-09		9.2E-09
	Dibromochloromethane	124481		0.152	1.8E-05	2.8E-08	6.7E-12		1.1E-12	1.5E-07	3.7E-11	0.0000002	4.4E-11
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	1.5E-09	8.3E-14	5.4E-08	6.8E-14	0E+00	0E+00	0.00000006	1.5E-13
	Ethylbenzene	100414		3.839	6.3E-04	1.4E-07	2.2E-11	1.0E-05	3.7E-12	0E+00	0E+00	0.00001	2.6E-11
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		1.2E-10		5.9E-17		8.5E-10		9.7E-10
	Iron	7439896		11105	8.2E-06	5.8E-05				0E+00		0.00006	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	4.6E-05				0E+00		0.00005	
	Methylene Chloride	75092		0.227	9.6E-05	1.4E-08	8.9E-13	1.6E-06	1.1E-13	0E+00	0E+00	0.000002	9.9E-13
	Naphthalene	91203		3.552	7.1E-05	6.5E-07		3.9E-04	5.7E-12	4.6E-06		0.0004	5.7E-12
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	1.1E-07	3.2E-11			0E+00	0E+00	0.0000001	3.2E-11
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	2.5E-06				0E+00		0.000003	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	1.5E-03				8.0E-03		0.009	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	1.5E-07	2.3E-11	1.1E-05	3.9E-12	0E+00	0E+00	0.00001	2.7E-11
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	4.9E-08	7.7E-12	3.6E-06	1.3E-12	0E+00	0E+00	0.000004	8.9E-12
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	5.2E-09	3.0E-12		2.9E-18	0E+00	0E+00	0.000000005	3.0E-12
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			9.3E-04				0.0009	
	Vanadium	7440622		33.66	2.5E-08	2.5E-05				0.0E+00		0.00002	
	Total (Low Aroclor-1268)					2.5E-03	1.7E-08	1.4E-03	1.7E-11	1.4E-02	7.0E-08	0.017	8.6E-08
	Total (High Aroclor-1268)					2.8E-03	1.7E-08	1.4E-03	1.7E-11	1.6E-02	7.0E-08	0.020	8.6E-08

Table A20E

CTE Risk Calculations Including TEG Data - Future Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		3037	2.2E-06	1.1E-05		7.3E-06		0E+00		0.00002	
	Antimony	7440360		11.77	8.7E-09	1.1E-04				0E+00		0.0001	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	4.6E-04	2.6E-09		2.5E-15	3.6E-03	2.0E-08	0.004	2.3E-08
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	1.4E-03	7.8E-09		7.3E-15	1.0E-02	6.0E-08	0.012	6.8E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	3.3E-04	6.6E-09		6.2E-15	2.5E-03	5.0E-08	0.003	5.7E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	1.1E-03	6.6E-09		6.2E-15	8.8E-03	5.0E-08	0.010	5.7E-08
	Arsenic, Inorganic	7440382		1.176	8.6E-10	1.4E-05	9.2E-10	9.5E-07	8.7E-15	2.4E-05	1.5E-09	0.00004	2.4E-09
	Benz[a]anthracene	56553		0.888	6.5E-10		3.4E-10		1.7E-16		2.4E-09		2.8E-09
	Benzo[a]pyrene	50328		0.868	6.4E-10		3.3E-09		1.6E-15		2.4E-08		2.7E-08
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		2.8E-10		1.4E-16		2.0E-09		2.3E-09
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		2.1E-11		1.0E-16		1.5E-10		1.7E-10
	Chloroform	67663		0.0266	9.4E-06	9.7E-09	4.3E-13	1.6E-06	5.1E-13	0E+00	0E+00	0.000002	9.4E-13
	Chromium	18540299		19.75	1.5E-08	2.4E-05	5.2E-09	2.4E-06	2.9E-12	0E+00	0E+00	0.00003	5.2E-09
	Chrysene	218019		1.987	1.5E-09		7.6E-12		3.8E-17		5.4E-11		6.2E-11
	Cobalt	7440484		0.823	6.1E-10	1.0E-05		1.7E-06	1.3E-14	0E+00		0.00001	1.3E-14
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.1E-09		6.2E-16		8.1E-09		9.2E-09
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		2.1E-10		1.0E-16		1.5E-09		1.7E-09
	Iron	7439896		5852	4.3E-06	3.1E-05				0E+00		0.00003	
	Manganese	7439965		29.38	2.2E-08	7.7E-07		7.1E-06		0E+00		0.000008	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	6.8E-05				0E+00		0.0001	
	Naphthalene	91203		0.618	1.2E-05	1.1E-07		6.8E-05	9.9E-13	8.1E-07		0.00007	9.9E-13
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	2.7E-08	7.9E-12			0E+00	0E+00	0.00000003	7.9E-12
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	3.1E-09	4.9E-13	2.3E-07	8.2E-14	0E+00	0E+00	0.0000002	5.7E-13
	Tetrachloroethene	127184		0.022	1.6E-11	8.0E-09	6.2E-12	9.8E-13	2.2E-19	0E+00	0E+00	0.000000008	6.2E-12
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.9E-05				0.00002	
	Vanadium	7440622		6.32	4.6E-09	4.6E-06				0E+00		0.000005	
	Zinc	7440666		2105	1.5E-06	2.6E-05				0E+00		0.00003	
	Total (Low Aroclor-1268)					2.4E-03	2.8E-08	1.1E-04	4.5E-12	1.7E-02	1.7E-07	0.019	2.0E-07
	Total (High Aroclor-1268)					3.3E-03	2.8E-08	1.1E-04	4.5E-12	2.3E-02	1.7E-07	0.026	2.0E-07

Table A21B

RME Risk Calculations Including TEG Data - Future Trespasser Resident - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	3.6E-03	2.1E-08		3.9E-15	7.9E-03	4.5E-08	0.012	6.6E-08
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	1.1E-03	2.2E-08		4.1E-15	2.4E-03	4.8E-08	0.004	7.0E-08
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	3.8E-03	2.2E-08		4.1E-15	8.5E-03	4.8E-08	0.012	7.0E-08
	Arsenic, Inorganic	7440382		1.402	1.0E-09	7.4E-04	4.8E-08	9.8E-06	9.0E-14	3.5E-04	2.2E-08	0.0011	7.0E-08
	Benz[a]anthracene	56553		0.213	1.6E-10		3.5E-09		3.5E-16		7.2E-09		1.1E-08
	Benzo[a]pyrene	50328		0.195	1.4E-10		3.2E-08		3.2E-15		6.6E-08		9.8E-08
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		1.0E-09		1.0E-15		2.0E-09		3.0E-09
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		1.6E-09		1.6E-16		3.2E-09		4.8E-09
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	3.4E-05	1.4E-09		1.5E-16	5E-05	2E-09	0.00009	3.5E-09
	Chromium	18540299		5.756	4.2E-09	3.0E-04	6.5E-08	6.0E-06	7.2E-12	0E+00	0E+00	0.0003	6.5E-08
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		1.8E-09		2.0E-16		3.8E-09		5.6E-09
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		8.4E-10		8.4E-17		1.7E-09		2.6E-09
	Iron	7439896		8657	6.4E-06	2.0E-03				0E+00		0.002	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	6.6E-03				0E+00		0.007	
	Vanadium	7440622		10.61	7.8E-09	3.4E-04				0E+00		0.0003	
	Total (Low Aroclor-1268)					1.5E-02	2.0E-07	1.6E-05	7.3E-12	1.1E-02	2.0E-07	0.03	4.0E-07
	Total (High Aroclor-1268)					1.7E-02	2.0E-07	1.6E-05	7.3E-12	1.7E-02	2.0E-07	0.03	4.0E-07

Table A21C
RME Risk Calculations Including TEG Data - Future Trespasser- Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	2.7E-02	1.6E-07		4.4E-10	6.0E-02	3.4E-07	0.088	5.0E-07
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	1.1E-02	6.2E-08		1.2E-14	2.4E-02	1.4E-07	0.035	2.0E-07
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	8.9E-03	5.1E-08		9.6E-15	2.0E-02	1.1E-07	0.029	1.6E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	2.3E-02	4.6E-07		8.6E-14	5.0E-02	1.0E-06	0.073	1.5E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	8.0E-02	4.6E-07		8.6E-14	1.8E-01	1.0E-06	0.26	1.5E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	8.4E-04	5.4E-08	1.1E-05	1.0E-13	4.0E-04	2.6E-08	0.0012	8.0E-08
	Benz[a]anthracene	56553		0.208	1.5E-10		3.4E-09		3.4E-16		7.0E-09		1.0E-08
	Benzo[a]pyrene	50328		0.211	1.6E-10		3.5E-08		3.5E-15		7.1E-08		1.1E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		6.6E-10		6.6E-16		1.3E-09		2.0E-09
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		3.3E-09		3.3E-16		6.7E-09		1.0E-08
	Carbazole	86748		0.046	3.4E-11		2.1E-11				3.3E-12		2.4E-11
	Chromium	18540299		7.741	5.7E-09	4.1E-04	8.8E-08	8.1E-06	9.7E-12	0E+00	0E+00	0.0004	8.8E-08
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		2.8E-08		3.1E-15		5.8E-08		8.6E-08
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		3.1E-09		3.1E-16		6E-09		9.5E-09
	Iron	7439896		6603	4.9E-06	1.5E-03				0E+00		0.0015	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	2.1E-03				0E+00		0.002	
	Total (Low Aroclor-1268)					7.5E-02	9.4E-07	1.9E-05	4.5E-10	1.5E-01	1.8E-06	0.23	2.7E-06
	Total (High Aroclor-1268)					1.3E-01	9.4E-07	1.9E-05	4.5E-10	2.8E-01	1.8E-06	0.41	2.7E-06

Table A21D
RME Risk Calculations Including TEG Data - Future Trespasser - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		12427	9.1E-06	2.0E-03		2.6E-04		0E+00		0.002	
	Antimony	7440360		4.655	3.4E-09	1.8E-03				0E+00		0.0018	
	Aroclor 1016	12674112		2.211	1.6E-09	5.0E-03	3.5E-09		6.6E-16	1.1E-02	7.7E-09	0.016	1.1E-08
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	1.4E-02	8.1E-08		1.5E-14	3.1E-02	1.8E-07	0.045	2.6E-07
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	5.8E-03	3.3E-08		6.2E-15	1.3E-02	7.3E-08	0.019	1.1E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	5.0E-03	1.0E-07		1.9E-14	1.1E-02	2.2E-07	0.016	3.2E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	1.8E-02	1.0E-07		1.9E-14	3.9E-02	2.2E-07	0.057	3.2E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	4.5E-03	2.9E-07	6.0E-05	5.5E-13	2.1E-03	1.4E-07	0.007	4.3E-07
	Benz[a]anthracene	56553		0.588	4.3E-10		9.7E-09		9.7E-16		2.0E-08		3.0E-08
	Benzene	71432		0.0613	1.6E-05	2.4E-06	7.6E-11	7.6E-05	2.6E-12	0E+00	0E+00	0.00008	7.9E-11
	Benzo[a]pyrene	50328		0.291	2.1E-10		4.8E-08		4.8E-15		9.8E-08		1.5E-07
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		8.0E-09		8.0E-16		1.6E-08		2.4E-08
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		4.3E-10		4.3E-16		8.8E-10		1.3E-09
	Carbazole	86748		0.0474	3.5E-11		2.1E-11				3.4E-12		2.5E-11
	Chromium	18540299		7.627	5.6E-09	4.0E-04	8.6E-08	8.0E-06	9.6E-12	0E+00	0E+00	0.0004	8.6E-08
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		4.9E-08		5.3E-15		1.0E-07		1.5E-07
	Dibromochloromethane	124481		0.152	1.8E-05	1.2E-06	2.9E-10		9.8E-12	2E-06	5E-10	0.000003	7.5E-10
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	6.7E-08	3.6E-12	4.7E-07	5.9E-13	0E+00	0.0E+00	0.0000005	4.2E-12
	Ethylbenzene	100414		3.839	6.3E-04	6.1E-06	9.5E-10	9.0E-05	3.2E-11	0E+00	0.0E+00	0.00010	9.9E-10
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		5.2E-09		5.1E-16		1.1E-08		1.6E-08
	Iron	7439896		11105	8.2E-06	2.5E-03				0E+00		0.003	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	2.0E-03				0E+00		0.002	
	Methylene Chloride	75092		0.227	9.6E-05	6.0E-07	3.8E-11	1.4E-05	9.2E-13	0E+00	0E+00	0.000014	3.9E-11
	Naphthalene	91203		3.552	7.1E-05	2.8E-05		3.4E-03	4.9E-11	6E-05		0.003	4.9E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	4.8E-06	1.4E-09			0E+00	0E+00	0.000005	1.4E-09
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	1.1E-04				0E+00		0.00011	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	6.3E-02				1.0E-01		0.16	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	6.4E-06	1.0E-09	9.4E-05	3.4E-11	0E+00	0E+00	0.00010	1.0E-09
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	2.1E-06	3.3E-10	3.1E-05	1.1E-11	0E+00	0E+00	0.00003	3.4E-10
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	2.3E-07	1.3E-10		2.5E-17	0E+00	0E+00	0.0000002	1.3E-10
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			8.0E-03				0.008	
	Vanadium	7440622		33.66	2.5E-08	1.1E-03				0E+00		0.0011	
	Total (Low Aroclor-1268)					1.1E-01	7.2E-07	1.2E-02	1.5E-10	1.7E-01	8.7E-07	0.29	1.6E-06
	Total (High Aroclor-1268)					1.2E-01	7.2E-07	1.2E-02	1.5E-10	2.0E-01	8.7E-07	0.33	1.6E-06

Table A21E
RME Risk Calculations Including TEG Data - Future Trespasser - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Future Trespasser													
	Aluminum	7429905		3037	2.2E-06	4.8E-04		6.4E-05		0E+00		0.0005	
	Antimony	7440360		11.77	8.7E-09	4.7E-03				0E+00		0.005	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	2.0E-02	1.1E-07		2.2E-14	4.4E-02	2.5E-07	0.064	3.7E-07
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	5.9E-02	3.4E-07		6.4E-14	1.3E-01	7.4E-07	0.189	1.1E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	1.4E-02	2.8E-07		5.4E-14	3.1E-02	6.3E-07	0.046	9.1E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	5.0E-02	2.8E-07		5.4E-14	1.1E-01	6.3E-07	0.159	9.1E-07
	Arsenic, Inorganic	7440382		1.176	8.6E-10	6.2E-04	4.0E-08	8.2E-06	7.6E-14	2.9E-04	1.9E-08	0.0009	5.9E-08
	Benz[a]anthracene	56553		0.888	6.5E-10		1.5E-08		1.5E-15		3.0E-08		4.5E-08
	Benzo[a]pyrene	50328		0.868	6.4E-10		1.4E-07		1.4E-14		2.9E-07		4.4E-07
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		1.2E-08		1.2E-15		2.5E-08		3.7E-08
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		9.0E-10		9.0E-16		1.8E-09		2.7E-09
	Chloroform	67663		0.0266	9.4E-06	4.2E-07	1.9E-11	1.4E-05	4.4E-12	0E+00	0E+00	0.000014	2.3E-11
	Chromium	18540299		19.75	1.5E-08	1.0E-03	2.2E-07	2.1E-05	2.5E-11	0E+00	0E+00	0.0011	2.2E-07
	Chrysene	218019		1.987	1.5E-09		3.3E-10		3.3E-16		6.7E-10		1.0E-09
	Cobalt	7440484		0.823	6.1E-10	4.3E-04		1.4E-05	1.1E-13	0E+00		0.0004	1.1E-13
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		4.9E-08		5.3E-15		1.0E-07		1.5E-07
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		9.0E-09		9.0E-16		1.8E-08		2.7E-08
	Iron	7439896		5852	4.3E-06	1.3E-03				0E+00		0.0013	
	Manganese	7439965		29.38	2.2E-08	3.3E-05		6.2E-05		0E+00		0.00009	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	2.9E-03				0E+00		0.003	
	Naphthalene	91203		0.618	1.2E-05	4.9E-06		5.9E-04	8.6E-12	1E-05		0.0006	8.6E-12
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	1.2E-06	3.4E-10			0E+00	0E+00	0.0000012	3.4E-10
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	1.3E-07	2.1E-11	2.0E-06	7.1E-13	0E+00	0E+00	0.000002	2.2E-11
	Tetrachloroethene	127184		0.022	1.6E-11	3.5E-07	2.7E-10	8.5E-12	1.9E-18	0E+00	0E+00	0.0000003	2.7E-10
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.6E-04				0.00016	
	Vanadium	7440622		6.32	4.6E-09	2.0E-04				0E+00		0.0002	
	Zinc	7440666		2105	1.5E-06	1.1E-03				0E+00		0.0011	
	Total (Low Aroclor-1268)					1.1E-01	1.2E-06	9.3E-04	3.9E-11	2.1E-01	2.1E-06	0.31	3.3E-06
	Total (High Aroclor-1268)					1.4E-01	1.2E-06	9.3E-04	3.9E-11	2.8E-01	2.1E-06	0.43	3.3E-06

Table A22B
RME Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	3.1E-02	5.3E-07		7.8E-14	1.7E-02	3.0E-07	0.05	8.31E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	9.5E-03	5.7E-07		8.3E-14	5.3E-03	3.2E-07	0.01	8.86E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	3.3E-02	5.7E-07		8.3E-14	1.9E-02	3.2E-07	0.05	8.86E-07
	Arsenic, Inorganic	7440382		1.402	1.0E-09	6.4E-03	1.2E-06	6.6E-05	1.8E-12	7.7E-04	1.5E-07	0.007	1.38E-06
	Benz[a]anthracene	56553		0.213	1.6E-10		9.1E-08		7.1E-15		4.7E-08		1.39E-07
	Benzo[a]pyrene	50328		0.195	1.4E-10		8.4E-07		6.5E-14		4.3E-07		1.27E-06
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		2.6E-08		2.0E-14		1.3E-08		3.94E-08
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		4.1E-08		3.2E-15		2.1E-08		6.25E-08
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	2.9E-04	3.5E-08		3.1E-15	1.2E-04	1.4E-08	0.000	4.94E-08
	Chromium	18540299		5.756	4.2E-09	2.6E-03	1.7E-06	4.1E-05	1.5E-10	0E+00	0E+00	0.003	1.69E-06
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		4.8E-08		4.0E-15		2.5E-08		7.22E-08
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		2.2E-08		1.7E-15		1.1E-08		3.32E-08
	Iron	7439896		8657	6.4E-06	1.7E-02				0E+00		0.017	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	5.7E-02				0E+00		0.057	
	Vanadium	7440622		10.61	7.8E-09	2.9E-03				0E+00		0.003	
	Total (Low Aroclor-1268)					1.3E-01	5.1E-06	1.1E-04	1.5E-10	2.4E-02	1.3E-06	0.15	6.45E-06
	Total (High Aroclor-1268)					1.5E-01	5.1E-06	1.1E-04	1.5E-10	3.7E-02	1.3E-06	0.19	6.45E-06
Child Resident													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	2.9E-01	1.0E-06		1.6E-14	1.1E-01	3.8E-07	0.40	1.37E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	8.8E-02	1.1E-06		1.7E-14	3.3E-02	4.0E-07	0.12	1.46E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	3.1E-01	1.1E-06		1.7E-14	1.2E-01	4.0E-07	0.43	1.46E-06
	Arsenic, Inorganic	7440382		1.402	1.0E-09	6.0E-02	2.3E-06	6.6E-05	3.6E-13	4.8E-03	1.9E-07	0.06	2.49E-06
	Benz[a]anthracene	56553		0.213	1.6E-10		1.7E-07		1.4E-15		6.0E-08		2.30E-07
	Benzo[a]pyrene	50328		0.195	1.4E-10		1.6E-06		1.3E-14		5.5E-07		2.11E-06
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		4.8E-08		4.0E-15		1.7E-08		6.54E-08
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		7.7E-08		6.4E-16		2.7E-08		1.04E-07
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	2.7E-03	6.6E-08		6.2E-16	7.4E-04	1.8E-08	0.003	8.37E-08
	Chromium	18540299		5.756	4.2E-09	2.5E-02	3.2E-06	4.1E-05	2.9E-11	0E+00	0E+00	0.025	3.15E-06
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		8.9E-08		8.0E-16		3.1E-08		1.20E-07
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		4.1E-08		3.4E-16		1.4E-08		5.51E-08
	Iron	7439896		8657	6.4E-06	1.6E-01				0E+00		0.16	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	5.4E-01				0E+00		0.54	
	Vanadium	7440622		10.61	7.8E-09	2.7E-02				0E+00		0.03	
	Total (Low Aroclor-1268)					1.2E+00	9.6E-06	1.1E-04	3.0E-11	1.5E-01	1.7E-06	1.3	1.12E-05
	Total (High Aroclor-1268)					1.4E+00	9.6E-06	1.1E-04	3.0E-11	2.3E-01	1.7E-06	1.6	1.12E-05
Lifetime Resident (Cancer Risk Only)[1]							1.4E-05		1.5E-10		2.7E-06		1.64E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table A22C
RME Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	2.4E-01	4.1E-06		8.8E-09	1.3E-01	2.3E-06	0.4	6.3E-06
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	9.4E-02	1.6E-06		2.4E-13	5.3E-02	9.0E-07	0.15	2.5E-06
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	7.7E-02	1.3E-06		1.9E-13	4.3E-02	7.4E-07	0.12	2.1E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	2.0E-01	1.2E-05		1.7E-12	1.1E-01	6.6E-06	0.31	1.8E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	6.9E-01	1.2E-05		1.7E-12	3.9E-01	6.6E-06	1.08	1.8E-05
	Arsenic, Inorganic	7440382		1.592	1.2E-09	7.3E-03	1.4E-06	7.5E-05	2.1E-12	8.7E-04	1.7E-07	0.008	1.6E-06
	Benz[a]anthracene	56553		0.208	1.5E-10		8.9E-08		6.9E-15		4.6E-08		1.4E-07
	Benzo[a]pyrene	50328		0.211	1.6E-10		9.0E-07		7.0E-14		4.7E-07		1.4E-06
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		1.7E-08		1.3E-14		8.8E-09		2.6E-08
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		8.5E-08		6.6E-15		4.4E-08		1.3E-07
	Carbazole	86748		0.046	3.4E-11		5.4E-10				2.2E-11		5.6E-10
	Chromium	18540299		7.741	5.7E-09	3.5E-03	2.3E-06	5.5E-05	2.0E-10	0E+00	0E+00	0.004	2.3E-06
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		7.3E-07		6.2E-14		3.8E-07		1.1E-06
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		8.1E-08		6.3E-15		4.2E-08		1.2E-07
	Iron	7439896		6603	4.9E-06	1.3E-02				0E+00		0.013	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	1.8E-02				0E+00		0.018	
	Total (Low Aroclor-1268)					6.5E-01	2.4E-05	1.3E-04	9.0E-09	3.4E-01	1.2E-05	0.99	3.6E-05
	Total (High Aroclor-1268)					1.1E+00	2.4E-05	1.3E-04	9.0E-09	6.2E-01	1.2E-05	1.76	3.6E-05
Child Resident													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	2.2E+00	7.6E-06		1.8E-09	8.4E-01	2.9E-06	3.0	1.0E-05
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	8.8E-01	3.0E-06		4.7E-14	3.3E-01	1.1E-06	1.2	4.2E-06
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	7.2E-01	2.5E-06		3.9E-14	2.7E-01	9.3E-07	1.0	3.4E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	1.8E+00	2.2E-05		3.5E-13	7.0E-01	8.4E-06	2.5	3.1E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	6.5E+00	2.2E-05		3.5E-13	2.4E+00	8.4E-06	8.9	3.1E-05
	Arsenic, Inorganic	7440382		1.592	1.2E-09	6.8E-02	2.6E-06	7.5E-05	4.1E-13	5.5E-03	2.1E-07	0.073	2.8E-06
	Benz[a]anthracene	56553		0.208	1.5E-10		1.7E-07		1.4E-15		5.8E-08		2.2E-07
	Benzo[a]pyrene	50328		0.211	1.6E-10		1.7E-06		1.4E-14		5.9E-07		2.3E-06
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		3.2E-08		2.6E-15		1.1E-08		4.3E-08
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		1.6E-07		1.3E-15		5.6E-08		2.2E-07
	Carbazole	86748		0.046	3.4E-11		1.0E-09				2.7E-11		1.0E-09
	Chromium	18540299		7.741	5.7E-09	3.3E-02	4.2E-06	5.5E-05	3.9E-11	0E+00	0E+00	0.03	4.2E-06
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		1.4E-06		1.2E-14		4.8E-07		1.8E-06
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		1.5E-07		1.3E-15		5.3E-08		2.0E-07
	Iron	7439896		6603	4.9E-06	1.2E-01				0E+00		0.12	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	1.7E-01				0E+00		0.17	
	Total (Low Aroclor-1268)					6.0E+00	4.6E-05	1.3E-04	1.8E-09	2.1E+00	1.5E-05	8.2	6.0E-05
	Total (High Aroclor-1268)					1.1E+01	4.6E-05	1.3E-04	1.8E-09	3.9E+00	1.5E-05	14.5	6.0E-05
Lifetime Resident (Cancer Risk Only)[1]							6.5E-05		9.0E-09		2.4E-05		8.93E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table A22D
RME Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		12427	9.1E-06	1.7E-02		1.8E-03		0E+00		0.019	
	Antimony	7440360		4.655	3.4E-09	1.6E-02				0E+00		0.016	
	Aroclor 1016	12674112		2.211	1.6E-09	4.3E-02	9.1E-08		1.3E-14	2.4E-02	5.1E-08	0.07	1.4E-07
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	1.2E-01	2.1E-06		3.1E-13	6.8E-02	1.2E-06	0.19	3.3E-06
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	5.0E-02	8.6E-07		1.3E-13	2.8E-02	4.8E-07	0.08	1.3E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	4.4E-02	2.6E-06		3.8E-13	2.4E-02	1.5E-06	0.07	4.1E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	1.5E-01	2.6E-06		3.8E-13	8.5E-02	1.5E-06	0.24	4.1E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	3.9E-02	7.6E-06	4.0E-04	1.1E-11	4.7E-03	9.0E-07	0.04	8.5E-06
	Benz[a]anthracene	56553		0.588	4.3E-10		2.5E-07		2.0E-14		1.3E-07		3.8E-07
	Benzene	71432		0.0613	1.6E-05	2.1E-05	2.0E-09	5.1E-04	5.2E-11	0E+00	0E+00	0.0005	2.0E-09
	Benzo[a]pyrene	50328		0.291	2.1E-10		1.2E-06		9.7E-14		6.5E-07		1.9E-06
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		2.1E-07		1.6E-14		1.1E-07		3.2E-07
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		1.1E-08		8.7E-15		5.8E-09		1.7E-08
	Carbazole	86748		0.0474	3.5E-11		5.6E-10				2.2E-11		5.8E-10
	Chromium	18540299		7.627	5.6E-09	3.5E-03	2.2E-06	5.4E-05	1.9E-10	0E+00	0E+00	0.004	2.2E-06
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.3E-06		1.1E-13		6.6E-07		1.9E-06
	Dibromochloromethane	124481		0.152	1.8E-05	1.0E-05	7.5E-09		2.0E-10	4.2E-06	3.0E-09	0.00001	1.1E-08
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	5.8E-07	9.4E-11	3.2E-06	1.2E-11	0E+00	0E+00	0.000004	1.1E-10
	Ethylbenzene	100414		3.839	6.3E-04	5.3E-05	2.5E-08	6.0E-04	6.5E-10	0E+00	0E+00	0.0007	2.5E-08
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		1.3E-07		1.0E-14		6.9E-08		2.0E-07
	Iron	7439896		11105	8.2E-06	2.2E-02				0E+00		0.022	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	1.7E-02				0E+00		0.017	
	Methylene Chloride	75092		0.227	9.6E-05	5.2E-06	1.0E-09	9.2E-05	1.9E-11	0E+00	0E+00	0.0001	1.0E-09
	Naphthalene	91203		3.552	7.1E-05	2.4E-04		2.3E-02	9.9E-10	1.3E-04		0.023	9.9E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	4.1E-05	3.6E-08			0E+00	0E+00	0.00004	3.6E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	9.4E-04				0E+00		0.001	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	5.5E-01				2.2E-01		0.77	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	5.5E-05	2.6E-08	6.3E-04	6.8E-10	0E+00	0E+00	0.0007	2.7E-08
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	1.8E-05	8.6E-09	2.1E-04	2.2E-10	0E+00	0E+00	0.0002	8.8E-09
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11					0E+00	0E+00		
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			5.4E-02				0.054	
	Vanadium	7440622		33.66	2.5E-08	9.2E-03				0E+00		0.009	
	Total (Low Aroclor-1268)					9.3E-01	1.9E-05	8.1E-02	3.0E-09	3.7E-01	5.7E-06	1.38	2.4E-05
	Total (High Aroclor-1268)					1.0E+00	1.9E-05	8.1E-02	3.0E-09	4.3E-01	5.7E-06	1.55	2.4E-05

Table A22D
RME Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		12427	9.1E-06	1.6E-01		1.8E-03		0E+00		0.16	
	Antimony	7440360		4.655	3.4E-09	1.5E-01				0E+00		0.15	
	Aroclor 1016	12674112		2.211	1.6E-09	4.0E-01	1.7E-07		2.7E-15	1.5E-01	6.4E-08	0.56	2.3E-07
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	1.1E+00	3.9E-06		6.1E-14	4.3E-01	1.5E-06	1.57	5.4E-06
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	4.7E-01	1.6E-06		2.5E-14	1.8E-01	6.1E-07	0.64	2.2E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	4.1E-01	4.9E-06		7.7E-14	1.5E-01	1.8E-06	0.56	6.7E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	1.4E+00	4.9E-06		7.7E-14	5.4E-01	1.8E-06	1.97	6.7E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	3.7E-01	1.4E-05	4.0E-04	2.2E-12	3.0E-02	1.1E-06	0.40	1.5E-05
	Benz[a]anthracene	56553		0.588	4.3E-10		4.7E-07		3.9E-15		1.7E-07		6.4E-07
	Benzene	71432		0.0613	1.6E-05	2.0E-04	3.7E-09	5.1E-04	1.0E-11	0E+00	0E+00	0.0007	3.7E-09
	Benzo[a]pyrene	50328		0.291	2.1E-10		2.3E-06		1.9E-14		8.2E-07		3.1E-06
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		3.9E-07		3.2E-15		1.4E-07		5.2E-07
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		2.1E-08		1.7E-15		7.3E-09		2.8E-08
	Carbazole	86748		0.0474	3.5E-11		1.0E-09				2.8E-11		1.1E-09
	Chromium	18540299		7.627	5.6E-09	3.3E-02	4.2E-06	5.4E-05	3.9E-11	0E+00	0E+00	0.033	4.2E-06
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		2.4E-06		2.2E-14		8.3E-07		3.2E-06
	Dibromochloromethane	124481		0.152	1.8E-05	9.7E-05	1.4E-08		3.9E-11	2.6E-05	3.8E-09	0.0001	1.8E-08
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	5.4E-06	1.8E-10	3.2E-06	2.4E-12	0E+00	0E+00	0.000009	1.8E-10
	Ethylbenzene	100414		3.839	6.3E-04	4.9E-04	4.6E-08	6.0E-04	1.3E-10	0E+00	0E+00	0.001	4.6E-08
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		2.5E-07		2.1E-15		8.8E-08		3.4E-07
	Iron	7439896		11105	8.2E-06	2.0E-01				0E+00		0.20	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	1.6E-01				0E+00		0.16	
	Methylene Chloride	75092		0.227	9.6E-05	4.8E-05	1.9E-09	9.2E-05	3.7E-12	0E+00	0E+00	0.0001	1.9E-09
	Naphthalene	91203		3.552	7.1E-05	2.3E-03		2.3E-02	2.0E-10	8.0E-04		0.026	2.0E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	3.9E-04	6.7E-08			0E+00	0E+00	0.0004	6.7E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	8.8E-03				0E+00		0.009	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	5.1E+00				1.4E+00		6.5	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	5.2E-04	4.9E-08	6.3E-04	1.4E-10	0E+00	0E+00	0.001	4.9E-08
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	1.7E-04	1.6E-08	2.1E-04	4.5E-11	0E+00	0E+00	0.0004	1.6E-08
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	1.8E-05	6.3E-09		1.0E-16	0E+00	0E+00	0.00002	6.3E-09
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			5.4E-02				0.054	
	Vanadium	7440622		33.66	2.5E-08	8.6E-02				0E+00		0.086	
	Total (Low Aroclor-1268)					8.7E+00	3.5E-05	8.1E-02	6.1E-10	2.3E+00	7.2E-06	11.1	4.2E-05
	Total (High Aroclor-1268)					9.7E+00	3.5E-05	8.1E-02	6.1E-10	2.7E+00	7.2E-06	12.5	4.2E-05
Lifetime Resident (Cancer Risk Only)[1]							5.0E-05		3.0E-09		1.2E-05		6.2E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table A22E

RME Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		3037	2.2E-06	4.2E-03		4.3E-04		0E+00		0.005	
	Antimony	7440360		11.77	8.7E-09	4.0E-02				0E+00		0.040	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	1.7E-01	3.0E-06		4.4E-13	9.7E-02	1.7E-06	0.27	4.6E-06
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	5.1E-01	8.7E-06		1.3E-12	2.8E-01	4.9E-06	0.79	1.4E-05
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	1.2E-01	7.4E-06		1.1E-12	6.9E-02	4.1E-06	0.19	1.1E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	4.3E-01	7.4E-06		1.1E-12	2.4E-01	4.1E-06	0.67	1.1E-05
	Arsenic, Inorganic	7440382		1.176	8.6E-10	5.4E-03	1.0E-06	5.5E-05	1.5E-12	6.4E-04	1.2E-07	0.006	1.2E-06
	Benz[a]anthracene	56553		0.888	6.5E-10		3.8E-07		3.0E-14		2.0E-07		5.8E-07
	Benzo[a]pyrene	50328		0.868	6.4E-10		3.7E-06		2.9E-13		1.9E-06		5.6E-06
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		3.1E-07		2.4E-14		1.6E-07		4.8E-07
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		2.3E-08		1.8E-14		1.2E-08		3.5E-08
	Chloroform	67663		0.0266	9.4E-06	3.6E-06	4.8E-10	9.2E-05	8.9E-11	0E+00	0E+00	0.0001	5.7E-10
	Chromium	18540299		19.75	1.5E-08	9.0E-03	5.8E-06	1.4E-04	5.0E-10	0E+00	0E+00	0.009	5.8E-06
	Chrysene	218019		1.987	1.5E-09		8.5E-09		6.6E-15		4.4E-09		1.3E-08
	Cobalt	7440484		0.823	6.1E-10	3.8E-03		9.7E-05	2.2E-12	0E+00		0.004	2.2E-12
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.3E-06		1.1E-13		6.6E-07		1.9E-06
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		2.3E-07		1.8E-14		1.2E-07		3.5E-07
	Iron	7439896		5852	4.3E-06	1.1E-02				0E+00		0.011	
	Manganese	7439965		29.38	2.2E-08	2.9E-04		4.1E-04		0E+00		0.0007	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	2.5E-02				0E+00		0.025	
	Naphthalene	91203		0.618	1.2E-05	4.2E-05		4.0E-03	1.7E-10	2.2E-05		0.004	1.7E-10
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	1.0E-05	8.9E-09			0E+00	0E+00	0.00001	8.9E-09
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	1.2E-06	5.5E-10	1.3E-05	1.4E-11	0E+00	0E+00	0.00001	5.6E-10
	Tetrachloroethene	127184		0.022	1.6E-11	3.0E-06	7.0E-09	5.7E-11	3.9E-17	0E+00	0E+00	0.000003	7.0E-09
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.1E-03				0.001	
	Vanadium	7440622		6.32	4.6E-09	1.7E-03				0E+00		0.002	
	Zinc	7440666		2105	1.5E-06	9.6E-03				0E+00		0.010	
	Total (Low Aroclor-1268)					9.2E-01	3.2E-05	6.3E-03	7.8E-10	4.5E-01	1.4E-05	1.38	4.6E-05
	Total (High Aroclor-1268)					1.2E+00	3.2E-05	6.3E-03	7.8E-10	6.2E-01	1.4E-05	1.85	4.6E-05

Table A22E

RME Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		3037	2.2E-06	3.9E-02		4.3E-04		0E+00		0.039	
	Antimony	7440360		11.77	8.7E-09	3.8E-01				0E+00		0.38	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	1.6E+00	5.6E-06		8.7E-14	6.1E-01	2.1E-06	2.23	7.7E-06
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	4.8E+00	1.6E-05		2.6E-13	1.8E+00	6.2E-06	6.6	2.2E-05
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	1.1E+00	1.4E-05		2.2E-13	4.3E-01	5.2E-06	1.58	1.9E-05
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	4.0E+00	1.4E-05		2.2E-13	1.5E+00	5.2E-06	5.53	1.9E-05
	Arsenic, Inorganic	7440382		1.176	8.6E-10	5.0E-02	1.9E-06	5.5E-05	3.1E-13	4.1E-03	1.6E-07	0.054	2.1E-06
	Benz[a]anthracene	56553		0.888	6.5E-10		7.1E-07		5.9E-15		2.5E-07		9.6E-07
	Benzo[a]pyrene	50328		0.868	6.4E-10		6.9E-06		5.8E-14		2.4E-06		9.4E-06
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		5.8E-07		4.9E-15		2.0E-07		7.9E-07
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		4.4E-08		3.6E-15		1.5E-08		5.9E-08
	Chloroform	67663		0.0266	9.4E-06	3.4E-05	9.0E-10	9.2E-05	1.8E-11	0E+00	0E+00	0.0001	9.2E-10
	Chromium	18540299		19.75	1.5E-08	8.4E-02	1.1E-05	1.4E-04	1.0E-10	0E+00	0E+00	0.084	1.1E-05
	Chrysene	218019		1.987	1.5E-09		1.6E-08		1.3E-15		5.6E-09		2.1E-08
	Cobalt	7440484		0.823	6.1E-10	3.5E-02		9.7E-05	4.5E-13	0E+00		0.035	4.5E-13
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		2.4E-06		2.2E-14		8.3E-07		3.2E-06
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		4.4E-07		3.6E-15		1.5E-07		5.9E-07
	Iron	7439896		5852	4.3E-06	1.1E-01				0E+00		0.11	
	Manganese	7439965		29.38	2.2E-08	2.7E-03		4.1E-04		0E+00		0.003	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	2.4E-01				0E+00		0.24	
	Naphthalene	91203		0.618	1.2E-05	4.0E-04		4.0E-03	3.5E-11	1.4E-04		0.004	3.5E-11
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	9.6E-05	1.7E-08			0E+00	0E+00	0.0001	1.7E-08
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	1.1E-05	1.0E-09	1.3E-05	2.9E-12	0E+00	0E+00	0.00002	1.0E-09
	Tetrachloroethene	127184		0.022	1.6E-11	2.8E-05	1.3E-08	5.7E-11	7.8E-18	0E+00	0E+00	0.00003	1.3E-08
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.1E-03				0.001	
	Vanadium	7440622		6.32	4.6E-09	1.6E-02				0E+00		0.02	
	Zinc	7440666		2105	1.5E-06	9.0E-02				0E+00		0.090	
	Total (Low Aroclor-1268)					8.6E+00	6.0E-05	6.3E-03	1.6E-10	2.8E+00	1.8E-05	11.4	7.7E-05
	Total (High Aroclor-1268)					1.1E+01	6.0E-05	6.3E-03	1.6E-10	3.9E+00	1.8E-05	15.4	7.7E-05
Lifetime Resident (Cancer Risk Only)[1]							8.5E-05		7.8E-10		2.9E-05		1.1E-04

Notes:

(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period

Table A23B

CTE Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 1

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	1.6E-02	8.0E-08		2.3E-14	1.5E-02	7.5E-08	0.03	1.6E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	4.7E-03	8.5E-08		2.5E-14	4.5E-03	8.0E-08	0.01	1.7E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	1.7E-02	8.5E-08		2.5E-14	1.6E-02	8.0E-08	0.03	1.7E-07
	Arsenic, Inorganic	7440382		1.402	1.0E-09	3.2E-03	1.9E-07	6.6E-05	5.5E-13	6.5E-04	3.7E-08	0.004	2.2E-07
	Benz[a]anthracene	56553		0.213	1.6E-10		1.4E-08		2.1E-15		1.2E-08		2.6E-08
	Benzo[a]pyrene	50328		0.195	1.4E-10		1.3E-07		1.9E-14		1.1E-07		2.3E-07
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		3.9E-09		6.0E-15		3.4E-09		7.3E-09
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		6.2E-09		9.6E-16		5.4E-09		1.2E-08
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	1.5E-04	5.3E-09		9.4E-16	9.9E-05	3.6E-09	0.000	8.9E-09
	Chromium	18540299		5.756	4.2E-09	1.3E-03	2.5E-07	4.1E-05	4.4E-11	0E+00	0E+00	0.0014	2.5E-07
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		7.1E-09		1.2E-15		6.2E-09		1.3E-08
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		3.3E-09		5.1E-16		2.9E-09		6.1E-09
	Iron	7439896		8657	6.4E-06	8.5E-03				0E+00		0.008	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	2.9E-02				0E+00		0.029	
	Vanadium	7440622		10.61	7.8E-09	1.5E-03				0E+00		0.001	
	Total (Low Aroclor-1268)					6.4E-02	7.7E-07	1.1E-04	4.4E-11	2.0E-02	3.4E-07	0.08	1.1E-06
	Total (High Aroclor-1268)					7.5E-02	7.7E-07	1.1E-04	4.4E-11	3.1E-02	3.4E-07	0.11	1.1E-06
Child Resident													
	Aroclor 1260 - High Risk	11096825		0.454	3.3E-10	1.5E-01	1.7E-07		5.2E-15	7.3E-02	8.4E-08	0.22	2.5E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	0.484	3.6E-10	4.4E-02	1.8E-07		5.6E-15	2.2E-02	8.9E-08	0.07	2.7E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	0.484	3.6E-10	1.5E-01	1.8E-07		5.6E-15	7.8E-02	8.9E-08	0.23	2.7E-07
	Arsenic, Inorganic	7440382		1.402	1.0E-09	3.0E-02	3.8E-07	6.6E-05	1.2E-13	3.2E-03	4.1E-08	0.03	4.3E-07
	Benz[a]anthracene	56553		0.213	1.6E-10		2.8E-08		4.7E-16		1.3E-08		4.2E-08
	Benzo[a]pyrene	50328		0.195	1.4E-10		2.6E-07		4.3E-15		1.2E-07		3.8E-07
	Benzo[b/k]fluoranthene	205992		0.605	4.4E-10		8.1E-09		1.3E-15		3.8E-09		1.2E-08
	Benzo[b]fluoranthene	205992		0.096	7.1E-11		1.3E-08		2.1E-16		6.0E-09		1.9E-08
	Bis(2-ethylhexyl)phthalate	117817		4.298	3.2E-09	1.4E-03	1.1E-08		2.1E-16	4.9E-04	4.0E-09	0.002	1.5E-08
	Chromium	18540299		5.756	4.2E-09	1.2E-02	5.3E-07	4.1E-05	9.7E-12	0E+00	0E+00	0.012	5.3E-07
	Dibenz[a,h]anthracene	53703		0.0111	8.2E-12		1.5E-08		2.7E-16		6.9E-09		2.2E-08
	Indeno[1,2,3-cd]pyrene	193395		0.051	3.8E-11		6.8E-09		1.1E-16		3.2E-09		1.0E-08
	Iron	7439896		8657	6.4E-06	7.9E-02				0E+00		0.08	
	Mercury, Inorganic Salts	7487947		12.57	9.2E-09	2.7E-01				0E+00		0.27	
	Vanadium	7440622		10.61	7.8E-09	1.4E-02				0E+00		0.014	
	Total (Low Aroclor-1268)					5.93E-01	1.59E-06	1.06E-04	9.88E-12	9.91E-02	3.73E-07	0.69	1.97E-06
	Total (High Aroclor-1268)					7.04E-01	1.59E-06	1.06E-04	9.88E-12	1.55E-01	3.73E-07	0.86	1.97E-06
Lifetime Resident (Cancer Risk Only)[1]							2.2E-06		4.5E-11		6.4E-07		2.9E-06

Notes:

(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period

Table A23C
CCTE Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 2

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	1.2E-01	6.1E-07		2.7E-09	1.1E-01	5.7E-07	0.23	1.2E-06
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	4.7E-02	2.4E-07		7.1E-14	4.4E-02	2.3E-07	0.09	4.7E-07
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	3.9E-02	2.0E-07		5.8E-14	3.6E-02	1.9E-07	0.07	3.9E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	9.9E-02	1.8E-06		5.2E-13	9.3E-02	1.7E-06	0.19	3.5E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	3.5E-01	1.8E-06		5.2E-13	3.3E-01	1.7E-06	0.67	3.5E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	3.6E-03	2.1E-07	7.5E-05	6.2E-13	7.3E-04	4.2E-08	0.004	2.5E-07
	Benz[a]anthracene	56553		0.208	1.5E-10		1.3E-08		2.1E-15		1.2E-08		2.5E-08
	Benzo[a]pyrene	50328		0.211	1.6E-10		1.4E-07		2.1E-14		1.2E-07		2.5E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		2.6E-09		4.0E-15		2.2E-09		4.8E-09
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		1.3E-08		2.0E-15		1.1E-08		2.4E-08
	Carbazole	86748		0.046	3.4E-11		8.1E-11				5.4E-12		8.6E-11
	Chromium	18540299		7.741	5.7E-09	1.8E-03	3.4E-07	5.5E-05	5.9E-11	0E+00	0E+00	0.0018	3.4E-07
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		1.1E-07		1.9E-14		9.6E-08		2.1E-07
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		1.2E-08		1.9E-15		1.1E-08		2.3E-08
	Iron	7439896		6603	4.9E-06	6.5E-03				0E+00		0.006	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	9.1E-03				0E+00		0.009	
	Total (Low Aroclor-1268)					3.2E-01	3.7E-06	1.3E-04	2.7E-09	2.9E-01	3.0E-06	0.61	6.6E-06
	Total (High Aroclor-1268)					5.7E-01	3.7E-06	1.3E-04	2.7E-09	5.2E-01	3.0E-06	1.09	6.6E-06
Child Resident													
	Aroclor 1221 - High Risk	11104282		3.457	3.8E-05	1.1E+00	1.3E-06		5.9E-10	5.6E-01	6.4E-07	1.66	1.9E-06
	Aroclor 1254 - High Risk	11097691		1.376	1.0E-09	4.4E-01	5.0E-07		1.6E-14	2.2E-01	2.5E-07	0.66	7.6E-07
	Aroclor 1260 - High Risk	11096825		1.128	8.3E-10	3.6E-01	4.1E-07		1.3E-14	1.8E-01	2.1E-07	0.54	6.2E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	10.1	7.4E-09	9.2E-01	3.7E-06		1.2E-13	4.6E-01	1.9E-06	1.39	5.5E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	10.1	7.4E-09	3.2E+00	3.7E-06		1.2E-13	1.6E+00	1.9E-06	4.86	5.5E-06
	Arsenic, Inorganic	7440382		1.592	1.2E-09	3.4E-02	4.4E-07	7.5E-05	1.4E-13	3.7E-03	4.7E-08	0.038	4.8E-07
	Benz[a]anthracene	56553		0.208	1.5E-10		2.8E-08		4.6E-16		1.3E-08		4.1E-08
	Benzo[a]pyrene	50328		0.211	1.6E-10		2.8E-07		4.7E-15		1.3E-07		4.1E-07
	Benzo[b/k]fluoranthene	205992		0.398	2.9E-10		5.3E-09		8.8E-16		2.5E-09		7.8E-09
	Benzo[b]fluoranthene	205992		0.199	1.5E-10		2.7E-08		4.4E-16		1.2E-08		3.9E-08
	Carbazole	86748		0.046	3.4E-11		1.7E-10				6.0E-12		1.7E-10
	Chromium	18540299		7.741	5.7E-09	1.6E-02	7.1E-07	5.5E-05	1.3E-11	0E+00	0E+00	0.017	7.1E-07
	Dibenz[a,h]anthracene	53703		0.171	1.3E-10		2.3E-07		4.1E-15		1.1E-07		3.3E-07
	Indeno[1,2,3-cd]pyrene	193395		0.189	1.4E-10		2.5E-08		4.2E-16		1.2E-08		3.7E-08
	Iron	7439896		6603	4.9E-06	6.0E-02				0E+00		0.060	
	Mercury, Inorganic Salts	7487947		3.984	2.9E-09	8.5E-02				0E+00		0.085	
	Total (Low Aroclor-1268)					3.0E+00	7.6E-06	1.3E-04	6.0E-10	1.4E+00	3.3E-06	4.45	1.1E-05
	Total (High Aroclor-1268)					5.3E+00	7.6E-06	1.3E-04	6.0E-10	2.6E+00	3.3E-06	7.92	1.1E-05
Lifetime Resident (Cancer Risk Only)[1]							1E-05		3E-09		6E-06		1.6E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

Table A23D
CTE Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		12427	9.1E-06	8.5E-03		1.8E-03		0E+00		0.010	
	Antimony	7440360		4.655	3.4E-09	8.0E-03				0E+00		0.008	
	Aroclor 1016	12674112		2.211	1.6E-09	2.2E-02	1.4E-08		4.0E-15	2.0E-02	1.3E-08	0.04	2.6E-08
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	6.1E-02	3.1E-07		9.2E-14	5.8E-02	3.0E-07	0.12	6.1E-07
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	2.5E-02	1.3E-07		3.8E-14	2.4E-02	1.2E-07	0.05	2.5E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	2.2E-02	3.9E-07		1.2E-13	2.1E-02	3.7E-07	0.04	7.6E-07
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	7.6E-02	3.9E-07		1.2E-13	7.2E-02	3.7E-07	0.15	7.6E-07
	Arsenic, Inorganic	7440382		8.584	6.3E-09	2.0E-02	1.1E-06	4.0E-04	3.3E-12	4.0E-03	2.3E-07	0.02	1.4E-06
	Benz[a]anthracene	56553		0.588	4.3E-10		3.8E-08		5.9E-15		3.3E-08		7.1E-08
	Benzene	71432		0.0613	1.6E-05	1.0E-05	3.0E-10	5.1E-04	1.5E-11	0E+00	0E+00	0.0005	3.1E-10
	Benzo[a]pyrene	50328		0.291	2.1E-10		1.9E-07		2.9E-14		1.6E-07		3.5E-07
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		3.1E-08		4.8E-15		2.7E-08		5.8E-08
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		1.7E-09		2.6E-15		1.5E-09		3.1E-09
	Carbazole	86748		0.0474	3.5E-11		8.3E-11				5.6E-12		8.9E-11
	Chromium	18540299		7.627	5.6E-09	1.7E-03	3.4E-07	5.4E-05	5.8E-11	0E+00	0E+00	0.0018	3.4E-07
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.9E-07		3.2E-14		1.7E-07		3.6E-07
	Dibromochloromethane	124481		0.152	1.8E-05	5.2E-06	1.1E-09		5.9E-11	3.5E-06	7.6E-10	0.00001	1.9E-09
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	2.9E-07	1.4E-11	3.2E-06	3.6E-12	0E+00	0E+00	0.000003	1.8E-11
	Ethylbenzene	100414		3.839	6.3E-04	2.6E-05	3.7E-09	6.0E-04	1.9E-10	0E+00	0E+00	0.0006	3.9E-09
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		2.0E-08		3.1E-15		1.8E-08		3.8E-08
	Iron	7439896		11105	8.2E-06	1.1E-02				0E+00		0.011	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	8.7E-03				0E+00		0.009	
	Methylene Chloride	75092		0.227	9.6E-05	2.6E-06	1.5E-10	9.2E-05	5.6E-12	0E+00	0E+00	0.00009	1.6E-10
	Naphthalene	91203		3.552	7.1E-05	1.2E-04		2.3E-02	3.0E-10	1.1E-04		0.023	3.0E-10
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	2.1E-05	5.4E-09			0E+00	0E+00	0.000021	5.4E-09
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	4.7E-04				0E+00		0.00047	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	2.7E-01				1.8E-01		0.46	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	2.8E-05	3.9E-09	6.3E-04	2.0E-10	0E+00	0E+00	0.0007	4.1E-09
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	9.1E-06	1.3E-09	2.1E-04	6.7E-11	0E+00	0E+00	0.0002	1.4E-09
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	9.8E-07	5.0E-10		1.5E-16	0E+00	0E+00	0.0000010	5.0E-10
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			5.4E-02				0.054	
	Vanadium Pentoxide	1314621		33.66	2.5E-08	2.6E-03		3.4E-03	2.5E-11	0E+00		0.006	2.5E-11
	Total (Low Aroclor-1268)					4.6E-01	2.8E-06	8.5E-02	9.3E-10	3.1E-01	1.4E-06	0.86	4.2E-06
	Total (High Aroclor-1268)					5.2E-01	2.8E-06	8.5E-02	9.3E-10	3.6E-01	1.4E-06	0.96	4.2E-06

Table A23D
CTE Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 3

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		12427	9.1E-06	7.9E-02		1.8E-03		0E+00		0.08	
	Antimony	7440360		4.655	3.4E-09	7.4E-02				0E+00		0.074	
	Aroclor 1016	12674112		2.211	1.6E-09	2.0E-01	2.8E-08		8.9E-16	1.0E-01	1.4E-08	0.30	4.3E-08
	Aroclor 1254 - High Risk	11097691		1.785	1.3E-09	5.7E-01	6.5E-07		2.0E-14	2.9E-01	3.3E-07	0.86	9.8E-07
	Aroclor 1260 - High Risk	11096825		0.731	5.4E-10	2.3E-01	2.7E-07		8.4E-15	1.2E-01	1.3E-07	0.35	4.0E-07
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	2.231	1.6E-09	2.0E-01	8.1E-07		2.6E-14	1.0E-01	4.1E-07	0.31	1.2E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	2.231	1.6E-09	7.1E-01	8.1E-07		2.6E-14	3.6E-01	4.1E-07	1.07	1.2E-06
	Arsenic, Inorganic	7440382		8.584	6.3E-09	1.8E-01	2.4E-06	4.0E-04	7.4E-13	2.0E-02	2.5E-07	0.20	2.6E-06
	Benz[a]anthracene	56553		0.588	4.3E-10		7.8E-08		1.3E-15		3.7E-08		1.2E-07
	Benzene	71432		0.0613	1.6E-05	9.8E-05	6.2E-10	5.1E-04	3.4E-12	0E+00	0E+00	0.0006	6.2E-10
	Benzo[a]pyrene	50328		0.291	2.1E-10		3.9E-07		6.4E-15		1.8E-07		5.7E-07
	Benzo[b]fluoranthene	205992		0.484	3.6E-10		6.5E-08		1.1E-15		3.0E-08		9.5E-08
	Benzo[k]fluoranthene	207089		0.261	1.9E-10		3.5E-09		5.8E-16		1.6E-09		5.1E-09
	Carbazole	86748		0.0474	3.5E-11		1.7E-10				6.2E-12		1.8E-10
	Chromium	18540299		7.627	5.6E-09	1.6E-02	7.0E-07	5.4E-05	1.3E-11	0E+00	0E+00	0.016	7.0E-07
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		4.0E-07		7.2E-15		1.9E-07		5.8E-07
	Dibromochloromethane	124481		0.152	1.8E-05	4.9E-05	2.3E-09		1.3E-11	1.7E-05	8.4E-10	0.00007	3.2E-09
	Dichlorobenzene, 1,4-	106467		0.0296	2.6E-06	2.7E-06	2.9E-11	3.2E-06	8.0E-13	0E+00	0E+00	0.000006	3.0E-11
	Ethylbenzene	100414		3.839	6.3E-04	2.5E-04	7.7E-09	6.0E-04	4.3E-11	0E+00	0E+00	0.0008	7.8E-09
	Indeno[1,2,3-cd]pyrene	193395		0.312	2.3E-10		4.2E-08		6.9E-16		1.9E-08		6.1E-08
	Iron	7439896		11105	8.2E-06	1.0E-01				0E+00		0.101	
	Mercury, Inorganic Salts	7487947		3.798	2.8E-09	8.1E-02				0E+00		0.081	
	Methylene Chloride	75092		0.227	9.6E-05	2.4E-05	3.1E-10	9.2E-05	1.2E-12	0E+00	0E+00	0.00012	3.1E-10
	Naphthalene	91203		3.552	7.1E-05	1.1E-03		2.3E-02	6.6E-11	5.3E-04		0.024	6.6E-11
	Naphthalene, 1-Methyl	90120		2.11	3.3E-05	1.9E-04	1.1E-08			0E+00	0E+00	0.00019	1.1E-08
	Naphthalene, 2-Methyl	91576		2.744	4.4E-05	4.4E-03				0E+00		0.0044	
	4,6-Dinitro-2-methylphenol	534521		32	2.4E-08	2.6E+00				9.2E-01		3.48	
	n-Butylbenzene	104518	Ethylbenzene	4.03	6.6E-04	2.6E-04	8.1E-09	6.3E-04	4.5E-11	0E+00	0E+00	0.0009	8.1E-09
	n-Propylbenzene	103651	Ethylbenzene	1.334	2.2E-04	8.5E-05	2.7E-09	2.1E-04	1.5E-11	0E+00	0E+00	0.0003	2.7E-09
	Tetrachloroethane, 1,1,2,2-	79345		0.0286	2.1E-11	9.1E-06	1.0E-09		3.3E-17	0E+00	0E+00	0.000009	1.0E-09
	Trimethylbenzene, 1,2,4-	95636		3.367	4.0E-04			5.4E-02				0.054	
	Vanadium Pentoxide	1314621		33.66	2.5E-08	2.4E-02		3.4E-03	5.6E-12	0E+00		0.027	5.6E-12
	Total (Low Aroclor-1268)					4.3E+00	5.8E-06	8.5E-02	2.1E-10	1.6E+00	1.6E-06	5.97	7.4E-06
	Total (High Aroclor-1268)					4.8E+00	5.8E-06	8.5E-02	2.1E-10	1.8E+00	1.6E-06	6.73	7.4E-06
Lifetime Resident (Cancer Risk Only)[1]							8.1E-06		9.6E-10		2.7E-06		1.1E-05

Notes:
(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yeild a aggregate risk for the two receptors over the 30 year exposure period.

Table A23E

CTE Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Adult Resident													
	Aluminum	7429905		3037	2.2E-06	2.1E-03		4.3E-04		0E+00		0.003	
	Antimony	7440360		11.77	8.7E-09	2.0E-02				0E+00		0.020	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	8.7E-02	4.5E-07		1.3E-13	8.2E-02	4.2E-07	0.17	8.7E-07
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	2.6E-01	1.3E-06		3.8E-13	2.4E-01	1.2E-06	0.49	2.5E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	6.1E-02	1.1E-06		3.2E-13	5.8E-02	1.0E-06	0.12	2.1E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	2.2E-01	1.1E-06		3.2E-13	2.0E-01	1.0E-06	0.42	2.1E-06
	Arsenic, Inorganic	7440382		1.176	8.6E-10	2.7E-03	1.6E-07	5.5E-05	4.6E-13	5.4E-04	3.1E-08	0.003	1.9E-07
	Benz[a]anthracene	56553		0.888	6.5E-10		5.7E-08		8.9E-15		5.0E-08		1.1E-07
	Benzo[a]pyrene	50328		0.868	6.4E-10		5.6E-07		8.7E-14		4.9E-07		1.0E-06
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		4.7E-08		7.3E-15		4.1E-08		8.8E-08
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		3.5E-09		5.4E-15		3.1E-09		6.6E-09
	Chloroform	67663		0.0266	9.4E-06	1.8E-06	7.3E-11	9.2E-05	2.7E-11	0E+00	0E+00	0.00009	9.9E-11
	Chromium	18540299		19.75	1.5E-08	4.5E-03	8.7E-07	1.4E-04	1.5E-10	0E+00	0E+00	0.0046	8.7E-07
	Chrysene	218019		1.987	1.5E-09		1.3E-09		2.0E-15		1.1E-09		2.4E-09
	Cobalt	7440484		0.823	6.1E-10	1.9E-03		9.7E-05	6.7E-13	0E+00		0.0020	6.7E-13
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		1.9E-07		3.2E-14		1.7E-07		3.6E-07
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		3.5E-08		5.4E-15		3.1E-08		6.6E-08
	Iron	7439896		5852	4.3E-06	5.7E-03				0E+00		0.0057	
	Manganese	7439965		29.38	2.2E-08	1.4E-04		4.1E-04		0E+00		0.0006	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	1.3E-02				0E+00		0.013	
	Naphthalene	91203		0.618	1.2E-05	2.1E-05		4.0E-03	5.2E-11	1.8E-05		0.004	5.2E-11
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	5.1E-06	1.3E-09			0E+00	0E+00	0.0000051	1.3E-09
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	5.8E-07	8.3E-11	1.3E-05	4.3E-12	0E+00	0E+00	0.00001	8.7E-11
	Tetrachloroethene	127184		0.022	1.6E-11	1.5E-06	1.0E-09	5.7E-11	1.2E-17	0E+00	0E+00	0.0000015	1.0E-09
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.1E-03				0.0011	
	Vanadium Pentoxide	1314621		6.32	4.6E-09	5E-04		6E-04	5E-12	0E+00		0.0011	5E-12
	Zinc	7440666		2105	1.5E-06	5E-03				0E+00		0.0048	
	Total (Low Aroclor-1268)					4.6E-01	4.8E-06	6.9E-03	2.4E-10	3.8E-01	3.5E-06	0.85	8.3E-06
	Total (High Aroclor-1268)					6.1E-01	4.8E-06	6.9E-03	2.4E-10	5.2E-01	3.5E-06	1.14	8.3E-06

Table A23E

CTE Risk Calculations Including TEG Data - Hypothetical Resident - Quadrant 4

Receptor	Parameter	CAS	Tox Surrogate	Soil EPC (mg/kg)	Air EPC (mg/m^3)	Ingestion		Inhalation		Dermal		Total	
						Hazard	Risk	Hazard	Risk	Hazard	Risk	Hazard	Risk
Child Resident													
	Aluminum	7429905		3037	2.2E-06	1.9E-02		4.3E-04		0E+00		0.020	
	Antimony	7440360		11.77	8.7E-09	1.9E-01				0E+00		0.19	
	Aroclor 1254 - High Risk	11097691		2.533	1.9E-09	8.1E-01	9.3E-07		2.9E-14	4.1E-01	4.7E-07	1.22	1.4E-06
	Aroclor 1260 - High Risk	11096825		7.447	5.5E-09	2.4E+00	2.7E-06		8.6E-14	1.2E+00	1.4E-06	3.58	4.1E-06
	Aroclor 1268 - 1016 RfD	11100144	Aroclor1254-1016	6.283	4.6E-09	5.7E-01	2.3E-06		7.2E-14	2.9E-01	1.2E-06	0.86	3.5E-06
	Aroclor 1268 - High Risk	11100144	Aroclor1254	6.283	4.6E-09	2.0E+00	2.3E-06		7.2E-14	1.0E+00	1.2E-06	3.02	3.5E-06
	Arsenic, Inorganic	7440382		1.176	8.6E-10	2.5E-02	3.2E-07	5.5E-05	1.0E-13	2.7E-03	3.5E-08	0.028	3.6E-07
	Benz[a]anthracene	56553		0.888	6.5E-10		1.2E-07		2.0E-15		5.5E-08		1.7E-07
	Benzo[a]pyrene	50328		0.868	6.4E-10		1.2E-06		1.9E-14		5.4E-07		1.7E-06
	Benzo[b]fluoranthene	205992		0.73	5.4E-10		9.7E-08		1.6E-15		4.6E-08		1.4E-07
	Benzo[k]fluoranthene	207089		0.544	4.0E-10		7.3E-09		1.2E-15		3.4E-09		1.1E-08
	Chloroform	67663		0.0266	9.4E-06	1.7E-05	1.5E-10	9.2E-05	5.9E-12	0E+00	0E+00	0.00011	1.6E-10
	Chromium	18540299		19.75	1.5E-08	4.2E-02	1.8E-06	1.4E-04	3.3E-11	0E+00	0E+00	0.042	1.8E-06
	Chrysene	218019		1.987	1.5E-09		2.6E-09		4.4E-16		1.2E-09		3.9E-09
	Cobalt	7440484		0.823	6.1E-10	1.8E-02		9.7E-05	1.5E-13	0E+00		0.018	1.5E-13
	Dibenz[a,h]anthracene	53703		0.297	2.2E-10		4.0E-07		7.2E-15		1.9E-07		5.8E-07
	Indeno[1,2,3-cd]pyrene	193395		0.545	4.0E-10		7.3E-08		1.2E-15		3.4E-08		1.1E-07
	Iron	7439896		5852	4.3E-06	5.3E-02				0E+00		0.053	
	Manganese	7439965		29.38	2.2E-08	1.3E-03		4.1E-04		0E+00		0.0018	
	Mercury, Inorganic Salts	7487947		5.571	4.1E-09	1.2E-01				0E+00		0.119	
	Naphthalene	91203		0.618	1.2E-05	2.0E-04		4.0E-03	1.2E-11	9.2E-05		0.004	1.2E-11
	Naphthalene, 1-Methyl	90120		0.524	8.3E-06	4.8E-05	2.8E-09			0E+00	0E+00	0.000048	2.8E-09
	n-Butylbenzene	104518	Ethylbenzene	0.0852	1.4E-05	5.4E-06	1.7E-10	1.3E-05	9.6E-13	0E+00	0E+00	0.00002	1.7E-10
	Tetrachloroethene	127184		0.022	1.6E-11	1.4E-05	2.2E-09	5.7E-11	2.6E-18	0E+00	0E+00	0.000014	2.2E-09
	Trimethylbenzene, 1,2,4-	95636		0.0673	7.9E-06			1.1E-03				0.0011	
	Vanadium Pentoxide	1314621		6.32	4.6E-09	4.5E-03		6.4E-04	1.1E-12	0E+00		0.005	1.1E-12
	Zinc	7440666		2105	1.5E-06	4.5E-02				0E+00		0.045	
	Total (Low Aroclor-1268)					4.3E+00	9.9E-06	6.9E-03	5.3E-11	1.9E+00	3.9E-06	6.19	1.4E-05
	Total (High Aroclor-1268)					5.7E+00	9.9E-06	6.9E-03	5.3E-11	2.6E+00	3.9E-06	8.34	1.4E-05
Lifetime Resident (Cancer Risk Only)[1]							1.4E-05		2.5E-10		6.7E-06		2.0E-05

Notes:

(1) Lifetime receptor risk was calculated by adding total child risk to the total adult risk times 0.8 (i.e., 24 yr/30yr) to yield a aggregate risk for the two receptors over the 30 year exposure period.

EPS

APPENDIX B

RECOMMENDATIONS FOR DATA USAGE – HUMAN HEALTH BASELINE RISK ASSESSMENT (SUBMITTED TO USEPA AND EPD - JUNE 29, 2009)

EPS

Memorandum

Date: **29 June 2009**

To: **USEPA and Georgia EPD Human Health Risk Assessors**

From: **Kirk Kessler**

Subject: **Recommendations for Data Usage – Human Health Baseline Risk Assessment**
LCP Chemical Site, Brunswick Georgia
Operable Unit 3 (Upland Soils)

This memorandum is submitted to Agency human health risk assessment personnel to solicit input into the data selection and data usage conventions to be applied for the LCP Chemicals Site Human Health Baseline Risk Assessment (HHBRA), Operable Unit 3 (OU3 - Upland Soils). The Agency requested a new HHBRA be prepared for OU3 during a meeting on June 23, 2009, to replace a previous version from February 2007 with an addendum from March 2009. Agency personnel expressed a number of comments during the June 23, 2009 meeting regarding data extraction from the master LCP database and in particular commented upon the applicability of laboratory test records generated from the onsite laboratory for use in the HHBRA.

Data Selection

The first part of this memorandum explains the extraction of the appropriate data records from the master LCP database for use in the new HHBRA. The following database query conventions were used.

- No records were extracted with a 0 Northing, 0 Easting (i.e., unknown) coordinate position. Note that this convention also excludes all imported fill soil.
- Only soil matrix records were extracted.
- The onsite laboratory TEG (also shown as Teg in the database) were excluded (see further discussion below regarding this exclusion).
- Samples obtained in the cell building area that are now contained under the cell cap were excluded (Area = "CBD"). Other excluded areas include:
  - MH2O - Manhole 20 Area
  - MHO – Manholes
  - OTF - Offsite Tank Farm
  - OFF - Off Site
  - CRD - Canal Road
  - MSH - Marsh
- Sample locations that were remediated during the 1994-97 Upland Removal Response Action were excluded.
- Duplicate records (e.g., blind sample duplicate) were excluded.

- Samples below the groundwater table were excluded. This was accomplished by setting the top depth (D1) to < 5 feet below ground surface and bottom depth (D2) to <= 6 feet.

Table 1 is a listing of the data records extracted from the master database based upon these criteria.

TEG Onsite Laboratory Data Exclusion

TEG (also shown as Teg in the master database) was the first onsite laboratory used in support of the 1994-1997 Upland Removal Response Action. Early on during the removal response, the EPA Performance Evaluation (PE) program identified quality control issues with TEG, generally involving over-quantifying the true result for the analytes being tested. Thus TEG was soon replaced by a different onsite laboratory, QAL, which performed the onsite testing for the remaining duration of the upland removal action and passed all of EPA's PE testing programs. It is noted that any over-quantification by TEG in the analysis of the removal action samples would have resulted in more cleanup than necessary under the removal response action.

The TEG data are not well suited for the purpose of characterizing the risk for the HHBRA. One question with the exclusion of the TEG data is the remaining number of data records available for the HHBRA (after applying the selection criteria described above). Figure 1 shows the surface soil interval with respect to TEG and non-TEG sample locations (applicable to the Site Worker and Residential scenarios), and Figure 2 shows the surface/subsurface interval (applicable to the Excavation Worker scenario). Note that the exclusion of the TEG sample locations is approximately proportionally equivalent to the four exposure units (quadrants) and that a large number of sample locations remain for use in the risk characterization.

Note the following sample depth convention is proposed for the HHBRA

- Surface Soils (upper 1 ft): D1 (top depth) < 1ft; D2 (bottom depth) <= 2ft
- Subsurface Soils (upper 5ft): D1 (top depth) < 5ft; D2 (bottom depth) <= 6ft.

Handling of Elevated Detection Limits for Non-detect Sample Results

Typical convention for use of non-detect sample results in the risk characterization is the replace the non-detect result with ½ the sample detection limit. Non-detect samples with elevated detection limits can artificially inflate the computed risk, therefore it is prudent to examine the data set prior to undertaking the risk characterization. This issue will be examined for the constituents that contribute the most to the risk characterization:

- Aroclor 1258;
- Mercury; and
- Benzo(a)Pyrene.

Figure 3 shows the locations of Aroclor 1268 detections vs. non-detections in surface soils, and Figure 4 shows this for surface/subsurface soils. Aroclor 1268 non-detect results are presented in Table 2 for Surface/Subsurface Soils. There are 619 data records involving non-detect results. Of these, one has an extremely elevated detection limit (418 ppm) and is proposed to be omitted (affected data record shown in orange highlight on Table 2). The majority of the other non-detects are in the range of 2.00 to 3.56 ppm and are all associated with the QAL (onsite)

laboratory. Note the drop in detection limit associated with the offsite commercial laboratories non-detect results, ranging from 0.41 to 0.002 ppm. The large number on non-detect Aroclor 1268 data records in the range above 2.00 ppm will bias the risk computation high if ½ the detection limit value is used. Thus it is proposed to alter this convention by using the highest detection limit (0.41 ppm) associated with the offsite laboratories results as the surrogate value for non-detects with the QAL laboratory (affected data records shown in light yellow highlight on Table 2).

Detection limit values for non-detect mercury appear to be minimal and it is proposed to apply the typical convention of ½ the detection limit for the surrogate values of non-detect mercury in soil. Figure 5 shows the detect vs. non-detect locations in the surface/subsurface soil.

Detection limits are a consideration for the two PAH compounds, Benzo(a)Pyrene (BaP) and Dibenzo(a)Anthracene (DbA), that are significant contributors to the computed risk for the site. Figure 6 shows the locations of BaP detections vs. non-detections in surface soils, and Figure 7 shows this for surface/subsurface soils. BaP non-detect results are presented in Table 3 for Surface/Subsurface Soils. There are 535 data records involving non-detect results. Of these, 37 have elevated detection limits above the 10^{-5} remedial goal option value (2.3 ppm) and are proposed to be omitted (affected data record shown in orange highlight on Table 3). For the remainder of these data records, it is proposed to use ½ the detection limit as the surrogate value.

Figure 8 shows the locations of DbA detections vs. non-detections in surface soils, and Figure 9 shows this for surface/subsurface soils. DbA non-detect results are similar to BaP and are presented in Table 4 for Surface/Subsurface Soils. There are 589 data records involving non-detect results. Of these, 42 have elevated detection limits above the 10^{-5} remedial goal option value (2.3 ppm) and are proposed to be omitted (affected data record shown in orange highlight on Table 4). For the remainder of these data records, it is proposed to use ½ the detection limit as the surrogate value.

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Antimony	0.11999	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Aroclor-1016	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Aroclor-1248	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Aroclor-1254	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Aroclor-1260	0.00000	0.06100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Aroclor-1268	0.48000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Benzo(a)anthracene	20.00000	0.02100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Benzo(a)pyrene	16.00000	0.00830	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Benzo(b)fluoranthene	13.00000	0.01100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Benzo(k)fluoranthene	2.50000	0.00939	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Chrysene	30.00000	0.00130	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Copper	6.26000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Dibenzo(a,h)anthracene	5.50000	0.00900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Indeno(1,2,3-cd)pyrene	6.00000	0.00830	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Lead	31.60000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Mercury	0.80400	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	2-Methylnaphthalene	0.76000	0.00110	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Nickel	2.57000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Vanadium	9.98000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-1	4/10/2008	AC-1	soil	861867.63	430726.75	Zinc	11.40000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Antimony	0.05000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Aroclor-1254	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Aroclor-1260	0.00000	0.02900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Aroclor-1268	0.20000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Benzo(a)anthracene	0.00830	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Benzo(a)pyrene	0.01100	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Benzo(b)fluoranthene	0.01300	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Benzo(k)fluoranthene	0.00320	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Chrysene	0.01400	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Copper	0.81999	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Dibenzo(a,h)anthracene	0.00330	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Indeno(1,2,3-cd)pyrene	0.00839	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Lead	8.77000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Mercury	0.60900	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	2-Methylnaphthalene	0.00350	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Nickel	0.99000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Vanadium	3.77000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-2	4/10/2008	AC-2	soil	861641.75	431449.75	Zinc	6.00000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Antimony	9.86000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Aroclor-1016	0.00000	0.09100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Aroclor-1248	0.00000	0.09100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Aroclor-1254	28.00000	0.09100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Aroclor-1260	0.00000	0.09100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Aroclor-1268	8.90000	0.09100	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Benzo(a)anthracene	0.14000	0.00052	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Benzo(a)pyrene	0.19000	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Benzo(b)fluoranthene	0.21000	0.00028	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Benzo(k)fluoranthene	0.04200	0.00024	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Chrysene	0.19000	0.00003	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Copper	8.83000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Dibenzo(a,h)anthracene	0.06400	0.00023	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Indeno(1,2,3-cd)pyrene	0.13000	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Lead	742.00000	0.43000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Mercury	12.30000	0.00500	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	2-Methylnaphthalene	0.11000	0.00028	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Nickel	6.85000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Vanadium	28.80000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-AC-3	4/10/2008	AC-3	soil	862021.06	432384.94	Zinc	79.80000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Antimony	0.05000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Aroclor-1254	0.02600	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Aroclor-1260	0.00000	0.02400	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Aroclor-1268	0.05100	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Benzo(a)anthracene	0.02700	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Benzo(a)pyrene	0.05100	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Benzo(b)fluoranthene	0.03000	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Benzo(k)fluoranthene	0.00750	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Chrysene	0.04100	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Copper	1.94000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Dibenzo(a,h)anthracene	0.00960	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Indeno(1,2,3-cd)pyrene	0.02500	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Lead	20.30000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Mercury	0.11400	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	2-Methylnaphthalene	0.01600	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Nickel	1.61000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Vanadium	5.64000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-1	4/10/2008	HG-1	soil	862943.81	433025.25	Zinc	11.40000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Antimony	0.05000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Aroclor-1254	0.00000	0.00780	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Aroclor-1260	0.00000	0.01800	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Aroclor-1268	0.14000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Benzo(a)anthracene	0.13000	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Benzo(a)pyrene	0.19000	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Benzo(b)fluoranthene	0.13000	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Benzo(k)fluoranthene	0.02800	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Chrysene	0.19000	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Copper	0.63999	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Dibenzo(a,h)anthracene	0.07500	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Indeno(1,2,3-cd)pyrene	0.09400	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Lead	3.70000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Mercury	0.07240	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	2-Methylnaphthalene	0.14000	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Nickel	0.49000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Vanadium	3.93000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-2	4/10/2008	HG-2	soil	862001.19	431132.69	Zinc	4.04000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Antimony	0.15000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Aroclor-1016	0.00000	0.00850	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Aroclor-1248	0.00000	0.00850	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Aroclor-1254	0.23000	0.00850	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Aroclor-1260	0.00000	0.00850	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Aroclor-1268	0.55000	0.00850	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Benzo(a)anthracene	0.03299	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Benzo(a)pyrene	0.04500	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Benzo(b)fluoranthene	0.03299	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Benzo(k)fluoranthene	0.00720	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Chrysene	0.04800	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Copper	1.30000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Dibenzo(a,h)anthracene	0.01200	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Indeno(1,2,3-cd)pyrene	0.02500	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Lead	9.69000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Mercury	0.89200	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	2-Methylnaphthalene	0.02200	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Nickel	1.10000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Vanadium	4.42000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-HG-3	4/10/2008	HG-3	soil	862017.00	432520.84	Zinc	4.35000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Antimony	0.03999	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Aroclor-1254	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Aroclor-1260	0.00000	0.01500	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Aroclor-1268	0.02100	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Benzo(a)anthracene	0.00170	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Benzo(a)pyrene	0.00209	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Benzo(b)fluoranthene	0.00360	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Benzo(k)fluoranthene	0.00100	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Chrysene	0.00310	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Copper	1.27000	0.10000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Dibenzo(a,h)anthracene	0.00066	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Indeno(1,2,3-cd)pyrene	0.00220	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Lead	10.40000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Mercury	0.05500	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	2-Methylnaphthalene	0.00320	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Nickel	1.65000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Vanadium	4.26000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-601	4/10/2008	LC-601	soil	863017.13	433821.91	Zinc	6.51000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Antimony	0.05000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Aroclor-1016	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Aroclor-1248	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Aroclor-1254	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Aroclor-1260	0.00000	0.02300	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Aroclor-1268	0.04200	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Benzo(a)anthracene	0.00640	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Benzo(a)pyrene	0.01100	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Benzo(b)fluoranthene	0.01500	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Benzo(k)fluoranthene	0.00469	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Chrysene	0.01100	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Copper	1.54000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Dibenzo(a,h)anthracene	0.00330	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Indeno(1,2,3-cd)pyrene	0.01000	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Lead	12.30000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Mercury	0.09890	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	2-Methylnaphthalene	0.00290	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Nickel	1.78000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Vanadium	5.84000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-LC-603	4/10/2008	LC-603	soil	862676.13	433579.91	Zinc	4.02000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Antimony	0.03999	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Aroclor-1016	0.00000	0.00680	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Aroclor-1248	0.00000	0.00600	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Aroclor-1254	0.01900	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Aroclor-1260	0.00000	0.02400	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Aroclor-1268	0.09100	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Benzo(a)anthracene	0.00580	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Benzo(a)pyrene	0.00690	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Benzo(b)fluoranthene	0.01200	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Benzo(k)fluoranthene	0.00390	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Chrysene	0.00790	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Copper	1.68000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Dibenzo(a,h)anthracene	0.00170	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Indeno(1,2,3-cd)pyrene	0.00720	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Lead	4.41000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Mercury	0.26100	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	2-Methylnaphthalene	0.00160	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Nickel	0.52999	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Vanadium	3.11000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-1	4/10/2008	PB-1	soil	862491.81	432167.75	Zinc	7.62000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Antimony	0.15000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Aroclor-1016	0.00000	0.01900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Aroclor-1248	0.00000	0.01900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Aroclor-1254	0.00000	0.01900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Aroclor-1260	0.00000	0.01900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Aroclor-1268	1.50000	0.01900	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Benzo(a)anthracene	0.05800	0.00052	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Benzo(a)pyrene	0.07600	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Benzo(b)fluoranthene	0.08200	0.00028	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Benzo(k)fluoranthene	0.02000	0.00024	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Chrysene	0.07100	0.00003	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Copper	3.78000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Dibenzo(a,h)anthracene	0.02000	0.00023	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Indeno(1,2,3-cd)pyrene	0.05200	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Lead	443.00000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Mercury	1.22000	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	2-Methylnaphthalene	0.04300	0.00028	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Nickel	3.19000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Vanadium	7.13000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-2	4/10/2008	PB-2	soil	861620.88	430809.81	Zinc	36.10000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Antimony	0.00000	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Aroclor-1254	0.10000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Aroclor-1260	0.00000	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Aroclor-1268	0.02800	0.00170	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Benzo(a)anthracene	0.00190	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Benzo(a)pyrene	0.00200	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Benzo(b)fluoranthene	0.00370	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Benzo(k)fluoranthene	0.00120	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Chrysene	0.00310	0.00001	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Copper	1.00000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Dibenzo(a,h)anthracene	0.00060	0.00009	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Indeno(1,2,3-cd)pyrene	0.00220	0.00008	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Lead	5.54000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Mercury	0.20600	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	2-Methylnaphthalene	0.00170	0.00011	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Nickel	0.56999	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Vanadium	4.75000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-PB-3	4/10/2008	PB-3	soil	862250.00	432686.34	Zinc	3.75000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Antimony	0.05999	0.02999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Aroclor-1016	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Aroclor-1248	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Aroclor-1254	0.00000	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Aroclor-1260	0.00000	0.01800	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Aroclor-1268	0.06500	0.00190	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Benzo(a)anthracene	0.04600	0.00053	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Benzo(a)pyrene	0.05700	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Benzo(b)fluoranthene	0.05100	0.00028	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Benzo(k)fluoranthene	0.01200	0.00024	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Chrysene	0.07100	0.00003	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Copper	4.78000	0.10999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Dibenzo(a,h)anthracene	0.02500	0.00023	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Indeno(1,2,3-cd)pyrene	0.07500	0.00020	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Lead	58.10000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Mercury	0.09200	0.00050	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	2-Methylnaphthalene	0.08500	0.00028	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Nickel	5.44000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Vanadium	12.30000	0.01999	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08101-RI-15	4/10/2008	RI-15	soil	862985.88	433800.59	Zinc	23.90000	0.20000	0.0	0.5	0	0	grab		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Aroclor-1016	0.00000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Aroclor-1248	0.00000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Aroclor-1254	0.00000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Aroclor-1260	0.00000	0.03400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Aroclor-1268	0.35000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Lead	102.00000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-1-C	4/11/2008	AC-1	soil	861867.63	430726.75	Mercury	1.04000	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Aroclor-1254	0.02000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Aroclor-1260	0.00000	0.02500	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Aroclor-1268	0.16000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Lead	8.29000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-2-C	4/11/2008	AC-2	soil	861641.75	431449.75	Mercury	0.26500	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Aroclor-1016	0.00000	0.03400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Aroclor-1248	0.00000	0.03400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Aroclor-1254	4.40000	0.03400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Aroclor-1260	0.00000	0.03400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Aroclor-1268	6.10000	0.03400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Lead	38.60000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-AC-3-C	4/11/2008	AC-3	soil	862021.06	432384.94	Mercury	9.63000	0.00500	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Aroclor-1254	0.07000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Aroclor-1260	0.00000	0.06000	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Aroclor-1268	0.18000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Lead	43.80000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-1-C	4/11/2008	HG-1	soil	862943.81	433025.25	Mercury	0.37200	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Aroclor-1254	0.00000	0.03700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Aroclor-1260	0.00000	0.05000	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Aroclor-1268	0.27000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Lead	32.30000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-2-C	4/11/2008	HG-2	soil	862001.19	431132.69	Mercury	0.57600	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Aroclor-1254	0.24000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Aroclor-1268	0.57000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Lead	10.20000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-HG-3-C	4/11/2008	HG-3	soil	862017.00	432520.84	Mercury	3.01000	0.00500	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Aroclor-1254	0.00000	0.02800	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Aroclor-1260	0.00000	0.09800	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Aroclor-1268	0.24000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Lead	44.80000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-601-C	4/11/2008	LC-601	soil	863017.13	433821.91	Mercury	0.08550	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1254	0.00000	0.07400	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1260	0.00000	0.13000	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1268	0.57000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Lead	28.30000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R1	4/11/2008	LC-603	soil	862676.13	433579.91	Mercury	0.19500	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1254	0.06900	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1260	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1268	0.21000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Lead	34.60000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R2	4/11/2008	LC-603	soil	862676.13	433579.91	Mercury	0.26100	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1254	0.03100	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1260	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Aroclor-1268	0.16000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Lead	22.50000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-LC-603-C-R3	4/11/2008	LC-603	soil	862676.13	433579.91	Mercury	0.16800	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Aroclor-1254	0.04900	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Aroclor-1260	0.00000	0.05500	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Aroclor-1268	0.27000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Lead	7.79000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-1-C	4/11/2008	PB-1	soil	862491.81	432167.75	Mercury	0.75500	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Aroclor-1016	0.00000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Aroclor-1248	0.00000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Aroclor-1254	0.00000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Aroclor-1260	0.00000	0.05700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Aroclor-1268	0.46000	0.00190	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Lead	181.00000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-2-C	4/11/2008	PB-2	soil	861620.88	430809.81	Mercury	0.86300	0.00050	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1254	0.20000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1260	0.00000	0.14000	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1268	0.20000	0.00170	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Lead	11.10000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R1	4/11/2008	PB-3	soil	862250.00	432686.34	Mercury	2.13000	0.00500	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1254	0.93000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Aroclor-1268	0.78000	0.01700	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Lead	37.60000	0.01999	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08102-PB-3-C-R2	4/11/2008	PB-3	soil	862250.00	432686.34	Mercury	9.14000	0.00500	0.0	0.5	0	0	composite		Upland 2008 Sampling Event		0	CAS
08217-CS1-0.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-0.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-0.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1254	0.20000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-0.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-0.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1268	1.20000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-0.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-0.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-0.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1254	0.17000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-0.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-0.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1268	4.10000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-1.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1016	0.00000	0.00750	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-1.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1248	0.00000	0.01300	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-1.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1254	0.00000	0.03700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-1.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS10-1.5	8/4/2008	CS10	Soil	862336.56	431688.94	Aroclor-1268	0.24000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-1.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-1.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-1.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
08217-CS1-1.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS1-1.5	8/4/2008	CS1	Soil	862735.06	431926.41	Aroclor-1268	0.05800	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-0.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1016	0.00000	0.03400	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-0.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1248	0.00000	0.03400	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-0.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1254	0.17000	0.03400	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-0.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1260	0.00000	0.03400	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-0.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1268	10.00000	0.03400	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-1.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1016	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-1.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1248	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-1.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1254	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-1.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1260	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS11-1.5	8/4/2008	CS11	Soil	862343.06	431648.00	Aroclor-1268	0.96000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-0.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1016	0.00000	0.34000	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-0.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1248	0.00000	0.34000	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-0.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1254	0.00000	0.34000	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-0.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1260	0.00000	0.34000	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-0.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1268	19.00000	0.34000	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-1.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1016	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-1.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1248	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-1.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1254	0.46000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-1.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1260	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS12-1.5	8/4/2008	CS12	Soil	862284.44	431595.63	Aroclor-1268	1.50000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-0.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-0.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-0.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1254	0.33000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-0.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-0.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1268	1.30000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-1.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-1.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-1.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-1.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS2-1.5	8/4/2008	CS2	Soil	862649.06	431881.97	Aroclor-1268	0.05600	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-0.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-0.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-0.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1254	0.14000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-0.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-0.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1268	0.87000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-1.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-1.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-1.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-1.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS3-1.5	8/4/2008	CS3	Soil	862673.06	431878.53	Aroclor-1268	0.03700	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-0.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-0.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-0.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1254	0.14000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-0.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-0.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1268	1.30000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-1.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-1.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-1.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-1.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS4-1.5	8/4/2008	CS4	Soil	862777.13	431859.13	Aroclor-1268	0.02800	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-0.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-0.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-0.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1254	0.09000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-0.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-0.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1268	0.99000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-1.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-1.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-1.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-1.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS5-1.5	8/4/2008	CS5	Soil	862790.88	431860.50	Aroclor-1268	0.01400	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-0.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-0.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-0.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1254	0.18000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-0.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-0.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1268	2.20000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-1.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-1.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-1.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-1.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS6-1.5	8/4/2008	CS6	Soil	862722.06	431820.28	Aroclor-1268	0.05100	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-0.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1016	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-0.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1248	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-0.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1254	0.15000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-0.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1260	0.00000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-0.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1268	1.70000	0.01700	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-1.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-1.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-1.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1254	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-1.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS7-1.5	8/4/2008	CS7	Soil	862718.06	431796.09	Aroclor-1268	0.04100	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-0.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1016	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-0.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1248	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-0.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1254	0.13000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-0.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1260	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-0.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1268	3.40000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-1.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1016	0.00000	0.00170	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-1.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1248	0.00000	0.00170	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-1.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1254	0.01300	0.00170	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-1.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1260	0.00000	0.00170	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS8-1.5	8/4/2008	CS8	Soil	862792.44	431858.97	Aroclor-1268	0.41000	0.00170	0.0	0.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-0.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1016	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-0.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1248	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-0.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1254	0.18000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-0.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1260	0.00000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-0.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1268	3.50000	0.01700	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-1.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1016	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-1.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1248	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-1.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1254	0.01700	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-1.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1260	0.00000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
08217-CS9-1.5	8/4/2008	CS9	Soil	862338.06	431740.81	Aroclor-1268	0.33000	0.00170	0.5	1.5	0	0	grab		Conf. PCB Upland Soil 2008		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Aluminum	4740.00000	0.89999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Antimony	0.58999	0.03999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Aroclor-1016	0.00000	0.21000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Aroclor-1248	0.00000	0.21000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Aroclor-1254	11.00000	0.21000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Aroclor-1260	0.00000	0.21000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Aroclor-1268	15.00000	0.21000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Arsenic	0.89999	0.21999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Barium	36.80000	0.01999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Benzene	0.01200	0.00017	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Benzo(a)anthracene	0.22000	0.00048	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Benzo(a)pyrene	0.23000	0.00014	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Benzo(b)fluoranthene	0.37000	0.00025	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Benzo(k)fluoranthene	0.15000	0.00015	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	n-Butylbenzene	0.00000	0.00072	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	sec-Butylbenzene	0.00026	0.00007	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Chromium	12.70000	0.21999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Chrysene	0.30000	0.00025	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Copper	7.53000	0.10000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Dibenzo(a,h)anthracene	0.07400	0.00028	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Indeno(1,2,3-cd)pyrene	0.24000	0.00016	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Iron	14400.00000	2.20000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Isopropylbenzene	0.00053	0.00003	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	p-Isopropyltoluene	0.00120	0.00009	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Lead	71.20000	0.05000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Manganese	132.00000	0.03999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Mercury	13.30000	0.01100	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	2-Methylnaphthalene	0.03500	0.00039	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Nickel	6.52000	0.02999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	n-Propylbenzene	0.00430	0.00007	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Silver	0.28900	0.02199	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Tetrachloroethene	0.00000	0.00015	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	1,2,4-Trimethylbenzene	0.05200	0.00012	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	1,3,5-Trimethylbenzene	0.01400	0.00004	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Vanadium	12.80000	0.03999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-5-1-2	5/8/2009	SL-5	soil	862312.38	431925.06	Zinc	82.70000	0.55000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Aluminum	2120.00000	0.80000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Antimony	0.00000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Aroclor-1254	0.01200	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Aroclor-1268	0.03900	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Arsenic	0.34999	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Barium	5.17000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Benzene	0.00000	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Benzo(a)anthracene	0.03700	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Benzo(a)pyrene	0.04000	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Benzo(b)fluoranthene	0.06500	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Benzo(k)fluoranthene	0.02400	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	n-Butylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	sec-Butylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Chromium	1.74000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Chrysene	0.06100	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Copper	0.93000	0.09000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Dibenzo(a,h)anthracene	0.01800	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Indeno(1,2,3-cd)pyrene	0.06900	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Iron	797.00000	2.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	p-Isopropyltoluene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Lead	11.60000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Manganese	6.98000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Mercury	0.30200	0.00060	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	2-Methylnaphthalene	0.02800	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Nickel	0.99000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	n-Propylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Silver	0.08100	0.02099	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Tetrachloroethene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	1,2,4-Trimethylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Vanadium	4.09000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09128-SL-8-0-2	5/8/2009	SL-8	soil	862897.19	432963.72	Zinc	3.00000	0.51999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aluminum	2430.00000	0.80000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Antimony	0.03999	0.00700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aroclor-1254	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aroclor-1268	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Arsenic	0.23999	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Barium	5.40000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Benzene	0.00000	0.00017	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Benzo(a)anthracene	0.00000	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Benzo(a)pyrene	0.00000	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Benzo(b)fluoranthene	0.00000	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Benzo(k)fluoranthene	0.00000	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	n-Butylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Chromium	2.21000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Chrysene	0.00000	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Copper	0.52999	0.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Dibenzo(a,h)anthracene	0.00000	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Indeno(1,2,3-cd)pyrene	0.00000	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Iron	625.00000	2.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	p-Isopropyltoluene	0.00023	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Lead	1.38000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Manganese	2.57000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Mercury	0.02300	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	2-Methylnaphthalene	0.00000	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Nickel	0.38999	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	n-Propylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Silver	0.00499	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Tetrachloroethene	0.00000	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	1,2,4-Trimethylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Vanadium	2.63000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Zinc	1.20000	0.52999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Aluminum	3860.00000	0.80000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Antimony	0.04100	0.00700	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Aroclor-1016	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Aroclor-1248	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Aroclor-1254	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Aroclor-1260	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Aroclor-1268	0.00370	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Arsenic	0.00000	0.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Barium	4.55000	0.01999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Benzene	0.00000	0.00017	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Benzo(a)anthracene	0.00280	0.00048	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Benzo(a)pyrene	0.00120	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Benzo(b)fluoranthene	0.00190	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Benzo(k)fluoranthene	0.00038	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	n-Butylbenzene	0.00000	0.00011	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	sec-Butylbenzene	0.00000	0.00007	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Chromium	2.78000	0.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Chrysene	0.00380	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Copper	0.36000	0.09000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Dibenzo(a,h)anthracene	0.00059	0.00028	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Indeno(1,2,3-cd)pyrene	0.00064	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Iron	386.00000	2.00000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Isopropylbenzene	0.00000	0.00003	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	p-Isopropyltoluene	0.00000	0.00011	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Lead	3.02000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Manganese	2.61000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Mercury	0.06960	0.00020	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	2-Methylnaphthalene	0.00130	0.00039	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Nickel	0.36000	0.02999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	n-Propylbenzene	0.00000	0.00007	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Silver	0.00000	0.00400	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Tetrachloroethene	0.00000	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	1,2,4-Trimethylbenzene	0.00000	0.00012	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	1,3,5-Trimethylbenzene	0.00000	0.00004	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Vanadium	3.60000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL1-2-4	5/9/2009	SL-1	soil	861940.50	433185.63	Zinc	0.68000	0.49000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Aluminum	2180.00000	0.69999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Antimony	0.32400	0.00600	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Aroclor-1016	0.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Aroclor-1248	0.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Aroclor-1254	0.27000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Aroclor-1260	0.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Aroclor-1268	3.20000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Arsenic	2.10000	0.17000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Barium	13.00000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Benzene	0.00000	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Benzo(a)anthracene	0.01400	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Benzo(a)pyrene	0.01500	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Benzo(b)fluoranthene	0.02200	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Benzo(k)fluoranthene	0.01400	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	n-Butylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Chromium	7.70000	0.17000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Chrysene	0.02200	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Copper	5.63000	0.07999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Dibenzo(a,h)anthracene	0.00390	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Indeno(1,2,3-cd)pyrene	0.01200	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Iron	4350.00000	1.70000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	p-Isopropyltoluene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Lead	118.00000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Manganese	22.20000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Mercury	0.23400	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	2-Methylnaphthalene	0.00960	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Nickel	2.47000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	n-Propylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Silver	0.01400	0.00300	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Tetrachloroethene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	1,2,4-Trimethylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Vanadium	3.88000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL13-0-2	5/9/2009	SL-13	soil	861561.25	431791.03	Zinc	3960.00000	41.90000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Aluminum	2950.00000	0.80000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Antimony	0.02600	0.00700	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Aroclor-1016	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Aroclor-1248	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Aroclor-1254	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Aroclor-1260	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Aroclor-1268	0.00360	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Arsenic	0.34999	0.18999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Barium	9.34000	0.01999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Benzene	0.00000	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Benzo(a)anthracene	0.00170	0.00048	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Benzo(a)pyrene	0.00220	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Benzo(b)fluoranthene	0.00200	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Benzo(k)fluoranthene	0.00063	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	n-Butylbenzene	0.00000	0.00009	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	sec-Butylbenzene	0.00000	0.00007	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Chromium	1.87000	0.18999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Chrysene	0.00220	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Copper	0.49000	0.09000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Dibenzo(a,h)anthracene	0.00092	0.00028	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Indeno(1,2,3-cd)pyrene	0.00180	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Iron	2290.00000	1.90000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Isopropylbenzene	0.00000	0.00003	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	p-Isopropyltoluene	0.00000	0.00009	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Lead	2.39000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Manganese	8.93000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Mercury	0.04220	0.00020	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	2-Methylnaphthalene	0.00050	0.00039	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Nickel	1.06000	0.02999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	n-Propylbenzene	0.00000	0.00006	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Silver	0.00000	0.00400	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Tetrachloroethene	0.00000	0.00013	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	1,2,4-Trimethylbenzene	0.00000	0.00011	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	1,3,5-Trimethylbenzene	0.00000	0.00004	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Vanadium	2.30000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL14-2-4	5/9/2009	SL-14	soil	862037.31	431243.78	Zinc	2.30000	0.47999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Aluminum	1950.00000	0.80000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Antimony	0.01700	0.00700	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Aroclor-1016	0.00000	0.01300	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Aroclor-1248	0.00000	0.01300	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Aroclor-1254	0.00000	0.01300	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Aroclor-1260	0.00000	0.01300	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Aroclor-1268	0.03299	0.01300	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Arsenic	0.27000	0.18999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Barium	3.17000	0.01999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Benzene	0.00000	0.00016	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Benzo(a)anthracene	0.00000	0.00048	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Benzo(a)pyrene	0.00180	0.00014	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Benzo(b)fluoranthene	0.00000	0.00025	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Benzo(k)fluoranthene	0.00000	0.00015	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	n-Butylbenzene	0.00000	0.00009	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	sec-Butylbenzene	0.00000	0.00007	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Chromium	1.95000	0.18999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Chrysene	0.00000	0.00025	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Copper	0.36000	0.09000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Dibenzo(a,h)anthracene	0.00000	0.00028	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Indeno(1,2,3-cd)pyrene	0.00580	0.00016	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Iron	803.00000	1.90000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Isopropylbenzene	0.00000	0.00003	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	p-Isopropyltoluene	0.00000	0.00009	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Lead	9.74000	0.05000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Manganese	3.51000	0.03999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Mercury	0.60200	0.00020	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	2-Methylnaphthalene	0.00200	0.00039	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Nickel	0.73000	0.02999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	n-Propylbenzene	0.00000	0.00006	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Silver	0.00000	0.00400	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Tetrachloroethene	0.00000	0.00013	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	1,2,4-Trimethylbenzene	0.00000	0.00011	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	1,3,5-Trimethylbenzene	0.00000	0.00004	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Vanadium	2.11000	0.03999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432458.75	Zinc	19.70000	0.47999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Aluminum	2930.00000	1.00000	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Antimony	0.17499	0.00899	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Aroclor-1016	0.00000	0.01500	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Aroclor-1248	0.00000	0.01400	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Aroclor-1254	0.19000	0.01400	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Aroclor-1260	0.00000	0.01400	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Aroclor-1268	0.69000	0.01400	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Arsenic	1.32000	0.25000	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Barium	17.50000	0.02999	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Benzene	0.00000	0.00022	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Benzo(a)anthracene	0.60000	0.00240	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Benzo(a)pyrene	0.79000	0.00070	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Benzo(b)fluoranthene	0.58000	0.00130	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Benzo(k)fluoranthene	0.14000	0.00075	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	n-Butylbenzene	0.00000	0.00013	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	sec-Butylbenzene	0.00000	0.00009	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Chromium	3.57000	0.25000	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Chrysene	0.72000	0.00130	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Copper	10.30000	0.10999	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Dibenzo(a,h)anthracene	0.40000	0.00140	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Indeno(1,2,3-cd)pyrene	0.48000	0.00080	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Iron	3600.00000	2.50000	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Isopropylbenzene	0.00000	0.00004	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	p-Isopropyltoluene	0.00017	0.00012	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Lead	73.80000	0.05999	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Manganese	27.60000	0.05000	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Mercury	0.51700	0.00020	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	2-Methylnaphthalene	0.26000	0.00200	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Nickel	6.21000	0.03999	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	n-Propylbenzene	0.00000	0.00008	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Silver	0.01700	0.00499	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Tetrachloroethene	0.00000	0.00018	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	1,2,4-Trimethylbenzene	0.00000	0.00014	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	1,3,5-Trimethylbenzene	0.00000	0.00005	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Vanadium	12.30000	0.05000	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL16-0-1.5	5/9/2009	SL-16	soil	861473.44	432538.72	Zinc	20.00000	0.63999	0.0	1.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Aluminum	2870.00000	0.80000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Antimony	0.08600	0.00700	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Aroclor-1016	0.00000	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Aroclor-1248	0.00000	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Aroclor-1254	0.38000	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Aroclor-1260	0.00000	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Aroclor-1268	0.38000	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Arsenic	0.50999	0.18999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Barium	13.00000	0.01999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Benzene	0.00000	0.00016	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Benzo(a)anthracene	0.01600	0.00048	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Benzo(a)pyrene	0.01700	0.00014	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Benzo(b)fluoranthene	0.02400	0.00025	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Benzo(k)fluoranthene	0.00950	0.00015	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	n-Butylbenzene	0.00000	0.00009	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	sec-Butylbenzene	0.00000	0.00007	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Chromium	3.87000	0.18999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Chrysene	0.02000	0.00025	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Copper	5.54000	0.09000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Dibenzo(a,h)anthracene	0.00430	0.00028	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Indeno(1,2,3-cd)pyrene	0.01500	0.00016	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Iron	3170.00000	1.90000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Isopropylbenzene	0.00000	0.00003	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	p-Isopropyltoluene	0.00000	0.00009	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Lead	11.90000	0.05000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Manganese	20.00000	0.03999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Mercury	4.50000	0.00500	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	2-Methylnaphthalene	0.00320	0.00039	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Nickel	27.50000	0.02999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	n-Propylbenzene	0.00000	0.00006	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Silver	0.00400	0.00400	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Tetrachloroethene	0.00000	0.00014	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	1,2,4-Trimethylbenzene	0.00000	0.00011	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	1,3,5-Trimethylbenzene	0.00000	0.00004	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Vanadium	99.10000	0.03999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL17-1.5-3.5	5/9/2009	SL-17	soil	862189.88	432422.09	Zinc	52.30000	0.47999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Aluminum	1840.00000	0.80000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Antimony	0.05600	0.00700	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Aroclor-1016	0.00000	0.27000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Aroclor-1248	0.00000	0.05500	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Aroclor-1254	0.30000	0.05500	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Aroclor-1260	0.00000	0.05500	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Aroclor-1268	52.00000	0.55000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Arsenic	0.60000	0.20999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Barium	12.90000	0.01999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Benzene	0.00000	0.00019	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Benzo(a)anthracene	0.09500	0.00240	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Benzo(a)pyrene	0.09800	0.00070	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Benzo(b)fluoranthene	0.05000	0.00130	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Benzo(k)fluoranthene	0.05100	0.00075	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	n-Butylbenzene	0.00000	0.00012	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	sec-Butylbenzene	0.00000	0.00008	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Chromium	2.63000	0.20999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Chrysene	0.13000	0.00130	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Copper	9.47000	0.09000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Dibenzo(a,h)anthracene	0.02900	0.00140	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Indeno(1,2,3-cd)pyrene	0.05200	0.00080	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Iron	1930.00000	2.10000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Isopropylbenzene	0.00000	0.00004	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	p-Isopropyltoluene	0.00000	0.00012	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Lead	64.00000	0.05000	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Manganese	15.40000	0.03999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Mercury	10.10000	0.00500	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	2-Methylnaphthalene	0.36000	0.00200	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Nickel	3.40000	0.02999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	n-Propylbenzene	0.00000	0.00008	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Silver	0.04699	0.00400	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Tetrachloroethene	0.00000	0.00017	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	1,2,4-Trimethylbenzene	0.00000	0.00013	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	1,3,5-Trimethylbenzene	0.00000	0.00005	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Vanadium	9.65000	0.03999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL18-1-2	5/9/2009	SL-18	soil	861213.56	432365.44	Zinc	38.20000	0.51999	1.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Aluminum	3310.00000	0.89999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Antimony	0.03900	0.00800	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Aroclor-1016	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Aroclor-1248	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Aroclor-1254	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Aroclor-1260	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Aroclor-1268	0.00610	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Arsenic	0.25999	0.23000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Barium	6.76000	0.01999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Benzene	0.00000	0.00017	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Benzo(a)anthracene	0.00000	0.00048	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Benzo(a)pyrene	0.00000	0.00014	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Benzo(b)fluoranthene	0.00000	0.00025	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Benzo(k)fluoranthene	0.00000	0.00015	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	n-Butylbenzene	0.00000	0.00011	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	sec-Butylbenzene	0.00000	0.00007	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Chromium	2.59000	0.23000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Chrysene	0.00000	0.00025	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Copper	0.28000	0.10000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Dibenzo(a,h)anthracene	0.00000	0.00028	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Indeno(1,2,3-cd)pyrene	0.00000	0.00016	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Iron	419.00000	2.30000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Isopropylbenzene	0.00000	0.00003	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	p-Isopropyltoluene	0.00000	0.00009	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Lead	1.14000	0.05999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Manganese	2.27000	0.05000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Mercury	0.00760	0.00020	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	2-Methylnaphthalene	0.00000	0.00039	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Nickel	0.67000	0.02999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	n-Propylbenzene	0.00000	0.00007	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Silver	0.00000	0.00400	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Tetrachloroethene	0.00000	0.00015	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	1,2,4-Trimethylbenzene	0.00000	0.00012	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	1,3,5-Trimethylbenzene	0.00000	0.00004	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Vanadium	3.74000	0.05000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Zinc	1.50000	0.56999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Aluminum	2320.00000	0.80000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Antimony	0.05799	0.00700	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Aroclor-1016	0.00000	0.00530	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Aroclor-1248	0.00000	0.00530	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Aroclor-1254	0.00000	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Aroclor-1260	0.04600	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Aroclor-1268	0.05100	0.00209	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Arsenic	0.60000	0.20000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Barium	9.40000	0.01999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Benzene	0.00055	0.00017	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Benzo(a)anthracene	0.00150	0.00048	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Benzo(a)pyrene	0.00100	0.00014	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Benzo(b)fluoranthene	0.00200	0.00025	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Benzo(k)fluoranthene	0.00073	0.00015	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	n-Butylbenzene	0.00000	0.00011	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	sec-Butylbenzene	0.00000	0.00007	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Chromium	1.97000	0.20000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Chrysene	0.00250	0.00025	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Copper	4.75000	0.09000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Dibenzo(a,h)anthracene	0.00100	0.00028	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Indeno(1,2,3-cd)pyrene	0.00120	0.00016	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Iron	1660.00000	2.00000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Isopropylbenzene	0.00000	0.00003	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	p-Isopropyltoluene	0.00000	0.00009	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Lead	55.90000	0.05000	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Manganese	5.97000	0.03999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Mercury	0.18300	0.00020	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	2-Methylnaphthalene	0.00950	0.00039	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Nickel	1.97000	0.02999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	n-Propylbenzene	0.00000	0.00007	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Silver	0.00000	0.00400	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Tetrachloroethene	0.00000	0.00015	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	1,2,4-Trimethylbenzene	0.00000	0.00011	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	1,3,5-Trimethylbenzene	0.00000	0.00004	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Vanadium	2.70000	0.03999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL20-1.5-3.5	5/9/2009	SL-20	soil	861786.81	432514.13	Zinc	18.60000	0.50999	1.5	3.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Aluminum	1740.00000	0.89999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Antimony	0.20800	0.00800	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Aroclor-1016	0.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Aroclor-1248	0.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Aroclor-1254	0.63000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Aroclor-1260	0.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Aroclor-1268	2.40000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Arsenic	0.23000	0.23000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Barium	9.29000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Benzene	0.00000	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Benzo(a)anthracene	0.02800	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Benzo(a)pyrene	0.03299	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Benzo(b)fluoranthene	0.04600	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Benzo(k)fluoranthene	0.01800	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	n-Butylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Chromium	3.81000	0.23000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Chrysene	0.03800	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Copper	3.41000	0.10999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Dibenzo(a,h)anthracene	0.00920	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Indeno(1,2,3-cd)pyrene	0.02400	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Iron	859.00000	2.30000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	p-Isopropyltoluene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Lead	20.40000	0.05999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Manganese	8.40000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Mercury	1.15000	0.00050	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	2-Methylnaphthalene	0.00889	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Nickel	0.87999	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	n-Propylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Silver	0.00000	0.00499	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Tetrachloroethene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	1,2,4-Trimethylbenzene	0.00000	0.00010	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Vanadium	2.62000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL21-0-2	5/9/2009	SL-21	soil	862315.81	431633.34	Zinc	18.50000	0.57999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aluminum	2610.00000	0.80000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Antimony	0.07400	0.00700	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aroclor-1016	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aroclor-1248	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aroclor-1254	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aroclor-1260	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aroclor-1268	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Arsenic	0.00000	0.18999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Barium	4.47000	0.01999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Benzene	0.00000	0.00016	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Benzo(a)anthracene	0.00110	0.00048	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Benzo(a)pyrene	0.00089	0.00014	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Benzo(b)fluoranthene	0.00082	0.00025	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Benzo(k)fluoranthene	0.00000	0.00015	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	n-Butylbenzene	0.00000	0.00009	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	sec-Butylbenzene	0.00000	0.00007	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Chromium	3.04000	0.18999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Chrysene	0.00110	0.00025	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Copper	0.31000	0.09000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Dibenzo(a,h)anthracene	0.00052	0.00028	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Indeno(1,2,3-cd)pyrene	0.00000	0.00016	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Iron	403.00000	2.00000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Isopropylbenzene	0.00000	0.00003	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	p-Isopropyltoluene	0.00000	0.00009	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Lead	2.16000	0.05000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Manganese	3.42000	0.03999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Mercury	0.01840	0.00020	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	2-Methylnaphthalene	0.00000	0.00039	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Nickel	0.27000	0.02999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	n-Propylbenzene	0.00000	0.00006	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Silver	0.00000	0.00400	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Tetrachloroethene	0.00000	0.00014	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	1,2,4-Trimethylbenzene	0.00000	0.00011	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	1,3,5-Trimethylbenzene	0.00000	0.00004	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Vanadium	2.19000	0.03999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Zinc	0.97000	0.49000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Aluminum	4100.00000	0.89999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Antimony	0.03799	0.00800	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Aroclor-1254	0.00469	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Aroclor-1268	0.05300	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Arsenic	0.38999	0.21999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Barium	10.40000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Benzene	0.00037	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Benzo(a)anthracene	0.00910	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Benzo(a)pyrene	0.01300	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Benzo(b)fluoranthene	0.00930	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Benzo(k)fluoranthene	0.00200	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	n-Butylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Chromium	4.07000	0.21999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Chrysene	0.01100	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Copper	1.53000	0.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Dibenzo(a,h)anthracene	0.00760	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Indeno(1,2,3-cd)pyrene	0.00800	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Iron	1400.00000	2.20000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	p-Isopropyltoluene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Lead	4.12000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Manganese	5.38000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Mercury	0.07690	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	2-Methylnaphthalene	0.00610	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Nickel	5.21000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	n-Propylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Silver	0.00000	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Tetrachloroethene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	1,2,4-Trimethylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Vanadium	4.56000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL24-0-2	5/9/2009	SL-24	soil	861395.63	432256.38	Zinc	5.70000	0.54000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Aluminum	1080.00000	0.80000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Antimony	0.02999	0.00700	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Aroclor-1016	0.00000	0.16000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Aroclor-1248	0.00000	0.02100	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Aroclor-1254	0.41000	0.02100	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Aroclor-1260	0.00000	0.02100	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Aroclor-1268	12.00000	0.21000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Arsenic	0.00000	0.20000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Barium	6.26000	0.01999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Benzene	0.00000	0.00019	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Benzo(a)anthracene	0.01400	0.00048	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Benzo(a)pyrene	0.01600	0.00014	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Benzo(b)fluoranthene	0.02800	0.00025	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Benzo(k)fluoranthene	0.02200	0.00015	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	n-Butylbenzene	0.00000	0.00012	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	sec-Butylbenzene	0.00000	0.00008	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Chromium	1.94000	0.20000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Chrysene	0.01900	0.00025	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Copper	1.85000	0.09000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Dibenzo(a,h)anthracene	0.00370	0.00028	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Indeno(1,2,3-cd)pyrene	0.01600	0.00016	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Iron	439.00000	2.00000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Isopropylbenzene	0.00000	0.00004	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	p-Isopropyltoluene	0.00000	0.00012	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Lead	4.31000	0.05000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Manganese	9.09000	0.03999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Mercury	9.77000	0.00500	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	2-Methylnaphthalene	0.00120	0.00039	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Nickel	0.46999	0.02999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	n-Propylbenzene	0.00000	0.00008	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Silver	0.04300	0.00400	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Tetrachloroethene	0.00000	0.00016	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	1,2,4-Trimethylbenzene	0.00000	0.00013	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	1,3,5-Trimethylbenzene	0.00000	0.00005	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Vanadium	2.51000	0.03999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL25-2.5-4	5/9/2009	SL-25	soil	861931.88	431541.72	Zinc	4.40000	0.50000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Aluminum	3990.00000	0.80000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Antimony	0.00899	0.00700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Aroclor-1254	0.00280	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Aroclor-1268	0.00860	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Arsenic	0.23999	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Barium	4.49000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Benzene	0.00000	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Benzo(a)anthracene	0.00068	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Benzo(a)pyrene	0.00032	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Benzo(b)fluoranthene	0.00079	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Benzo(k)fluoranthene	0.00028	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	n-Butylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	sec-Butylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Chromium	3.18000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Chrysene	0.00037	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Copper	0.31000	0.09000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Dibenzo(a,h)anthracene	0.00000	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Indeno(1,2,3-cd)pyrene	0.00026	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Iron	500.00000	2.00000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	p-Isopropyltoluene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Lead	3.71000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Manganese	2.30000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Mercury	0.03940	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	2-Methylnaphthalene	0.00000	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Nickel	0.46000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	n-Propylbenzene	0.00000	0.00006	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Silver	0.00000	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Tetrachloroethene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	1,2,4-Trimethylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Vanadium	2.18000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Zinc	0.91000	0.51999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aluminum	3860.00000	0.89999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Antimony	0.03799	0.00700	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aroclor-1016	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aroclor-1248	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aroclor-1254	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aroclor-1260	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aroclor-1268	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Arsenic	0.37999	0.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Barium	9.71000	0.01999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Benzene	0.00000	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Benzo(a)anthracene	0.00000	0.00048	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Benzo(a)pyrene	0.00000	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Benzo(b)fluoranthene	0.00000	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Benzo(k)fluoranthene	0.00000	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	n-Butylbenzene	0.00036	0.00009	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	sec-Butylbenzene	0.00240	0.00007	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Chromium	2.18000	0.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Chrysene	0.00000	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Copper	3.66000	0.09000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Dibenzo(a,h)anthracene	0.00000	0.00028	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Indeno(1,2,3-cd)pyrene	0.00000	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Iron	1070.00000	2.30000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Isopropylbenzene	0.00620	0.00003	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	p-Isopropyltoluene	0.00140	0.00009	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Lead	19.20000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Manganese	6.67000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Mercury	0.01830	0.00020	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	2-Methylnaphthalene	0.00000	0.00039	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Nickel	1.03000	0.02999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	n-Propylbenzene	0.00700	0.00006	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Silver	0.03900	0.00400	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Tetrachloroethene	0.00000	0.00013	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	1,2,4-Trimethylbenzene	0.00026	0.00011	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	1,3,5-Trimethylbenzene	0.00220	0.00004	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Vanadium	1.75000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Zinc	2.20000	0.49000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Aluminum	2420.00000	0.89999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Antimony	0.03999	0.00800	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Aroclor-1016	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Aroclor-1248	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Aroclor-1254	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Aroclor-1260	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Aroclor-1268	0.02000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Arsenic	0.00000	0.23000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Barium	5.09000	0.01999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Benzene	0.00000	0.00019	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Benzo(a)anthracene	0.00150	0.00048	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Benzo(a)pyrene	0.00120	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Benzo(b)fluoranthene	0.00120	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Benzo(k)fluoranthene	0.00031	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	n-Butylbenzene	0.00000	0.00012	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	sec-Butylbenzene	0.00000	0.00008	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Chromium	1.94000	0.23000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Chrysene	0.00140	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Copper	0.43999	0.10000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Dibenzo(a,h)anthracene	0.00063	0.00028	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Indeno(1,2,3-cd)pyrene	0.00099	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Iron	1020.00000	2.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Isopropylbenzene	0.00000	0.00004	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	p-Isopropyltoluene	0.00000	0.00011	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Lead	2.45000	0.05999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Manganese	7.29000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Mercury	0.14699	0.00020	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	2-Methylnaphthalene	0.00000	0.00039	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Nickel	0.50000	0.02999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	n-Propylbenzene	0.00000	0.00008	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Silver	0.00499	0.00400	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Tetrachloroethene	0.00000	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	1,2,4-Trimethylbenzene	0.00000	0.00013	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	1,3,5-Trimethylbenzene	0.00000	0.00005	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Vanadium	1.63000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL29-2-4	5/9/2009	SL-29	soil	861993.88	431357.91	Zinc	1.80000	0.56999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Aluminum	1980.00000	0.89999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Antimony	0.05000	0.00700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Aroclor-1016	0.00000	0.01200	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Aroclor-1248	0.00000	0.01200	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Aroclor-1254	0.05700	0.01200	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Aroclor-1260	0.00000	0.01200	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Aroclor-1268	1.10000	0.01200	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Arsenic	0.28000	0.21999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Barium	5.56000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Benzene	0.00093	0.00017	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Benzo(a)anthracene	0.22000	0.00240	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Benzo(a)pyrene	0.40000	0.00070	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Benzo(b)fluoranthene	0.19000	0.00130	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Benzo(k)fluoranthene	0.05300	0.00075	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	n-Butylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Chromium	2.56000	0.21999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Chrysene	0.33000	0.00130	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Copper	1.61000	0.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Dibenzo(a,h)anthracene	0.09200	0.00140	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Indeno(1,2,3-cd)pyrene	0.18000	0.00080	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Iron	1180.00000	2.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	p-Isopropyltoluene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Lead	29.80000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Manganese	11.50000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Mercury	1.25000	0.00050	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	2-Methylnaphthalene	1.10000	0.00200	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Nickel	1.19000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	n-Propylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Silver	0.00000	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Tetrachloroethene	0.00000	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	1,2,4-Trimethylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Vanadium	3.84000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL3-0-2	5/9/2009	SL-3	soil	861565.63	431287.31	Zinc	9.40000	0.54000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Aluminum	3360.00000	0.80000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Antimony	0.05999	0.00700	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Aroclor-1016	0.00000	0.00209	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Aroclor-1248	0.00000	0.00209	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Aroclor-1254	0.09700	0.00209	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Aroclor-1260	0.00000	0.00209	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Aroclor-1268	0.14000	0.00209	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Arsenic	0.23000	0.20999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Barium	7.33000	0.01999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Benzene	0.00000	0.00016	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Benzo(a)anthracene	0.01900	0.00048	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Benzo(a)pyrene	0.02100	0.00014	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Benzo(b)fluoranthene	0.03000	0.00025	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Benzo(k)fluoranthene	0.00900	0.00015	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	n-Butylbenzene	0.00000	0.00009	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	sec-Butylbenzene	0.00000	0.00007	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Chromium	2.76000	0.20999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Chrysene	0.02600	0.00025	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Copper	1.60000	0.09000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Dibenzo(a,h)anthracene	0.00660	0.00028	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Indeno(1,2,3-cd)pyrene	0.01500	0.00016	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Iron	889.00000	2.10000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Isopropylbenzene	0.00000	0.00003	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	p-Isopropyltoluene	0.00000	0.00009	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Lead	19.20000	0.05000	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Manganese	5.65000	0.03999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Mercury	0.12800	0.00020	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	2-Methylnaphthalene	0.02100	0.00039	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Nickel	0.93999	0.02999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	n-Propylbenzene	0.00000	0.00006	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Silver	0.00600	0.00400	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Tetrachloroethene	0.00000	0.00013	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	1,2,4-Trimethylbenzene	0.00000	0.00011	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	1,3,5-Trimethylbenzene	0.00000	0.00004	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Vanadium	3.42000	0.03999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL31-1-3	5/9/2009	SL-31	soil	862010.81	433096.94	Zinc	3.40000	0.51999	1.0	3.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Aluminum	3090.00000	0.89999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Antimony	0.13199	0.00800	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Aroclor-1016	0.00000	0.01300	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Aroclor-1248	0.00000	0.01300	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Aroclor-1254	0.00000	0.01300	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Aroclor-1260	0.00000	0.01300	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Aroclor-1268	0.01900	0.01300	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Arsenic	0.44999	0.23999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Barium	18.80000	0.01999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Benzene	0.00000	0.00019	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Benzo(a)anthracene	0.21000	0.00048	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Benzo(a)pyrene	0.44000	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Benzo(b)fluoranthene	0.69000	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Benzo(k)fluoranthene	0.23000	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	n-Butylbenzene	0.00000	0.00012	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	sec-Butylbenzene	0.00000	0.00008	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Chromium	5.40000	0.23999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Chrysene	0.38000	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Copper	2.29000	0.10999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Dibenzo(a,h)anthracene	0.06800	0.00028	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Indeno(1,2,3-cd)pyrene	0.24000	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Iron	2250.00000	2.30000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Isopropylbenzene	0.00000	0.00004	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	p-Isopropyltoluene	0.00520	0.00012	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Lead	44.60000	0.05999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Manganese	54.90000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Mercury	0.02890	0.00020	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	2-Methylnaphthalene	0.02000	0.00039	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Nickel	1.47000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	n-Propylbenzene	0.00000	0.00008	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Silver	0.00000	0.00499	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Tetrachloroethene	0.00000	0.00017	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	1,2,4-Trimethylbenzene	0.00000	0.00013	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	1,3,5-Trimethylbenzene	0.00000	0.00005	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Vanadium	2.69000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL32-2-4	5/9/2009	SL-32	soil	862952.19	433473.50	Zinc	38.60000	0.58999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Aluminum	1310.00000	0.89999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Antimony	0.02700	0.00800	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Aroclor-1016	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Aroclor-1248	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Aroclor-1254	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Aroclor-1260	0.00000	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Aroclor-1268	0.00750	0.00209	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Arsenic	0.00000	0.23000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Barium	2.36000	0.01999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Benzene	0.00000	0.00017	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Benzo(a)anthracene	0.00000	0.00048	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Benzo(a)pyrene	0.00000	0.00014	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Benzo(b)fluoranthene	0.00000	0.00025	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Benzo(k)fluoranthene	0.00000	0.00015	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	n-Butylbenzene	0.00000	0.00011	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	sec-Butylbenzene	0.00000	0.00007	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Chromium	2.38000	0.23000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Chrysene	0.00000	0.00025	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Copper	0.23000	0.10000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Dibenzo(a,h)anthracene	0.00000	0.00028	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Indeno(1,2,3-cd)pyrene	0.00000	0.00016	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Iron	283.00000	2.30000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Isopropylbenzene	0.00000	0.00003	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	p-Isopropyltoluene	0.00000	0.00009	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Lead	2.58000	0.05999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Manganese	5.11000	0.05000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Mercury	0.02120	0.00020	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	2-Methylnaphthalene	0.00000	0.00039	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Nickel	0.25999	0.02999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	n-Propylbenzene	0.00000	0.00007	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Silver	0.00000	0.00499	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Tetrachloroethene	0.00000	0.00014	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	1,2,4-Trimethylbenzene	0.00000	0.00011	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	1,3,5-Trimethylbenzene	0.00000	0.00004	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Vanadium	1.85000	0.05000	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Zinc	0.00000	0.56999	0.5	2.5	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Aluminum	2700.00000	0.80000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Antimony	0.02300	0.00700	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Aroclor-1016	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Aroclor-1248	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Aroclor-1254	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Aroclor-1260	0.00000	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Aroclor-1268	0.00989	0.00209	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Arsenic	0.00000	0.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Barium	6.04000	0.01999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Benzene	0.00043	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Benzo(a)anthracene	0.00069	0.00048	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Benzo(a)pyrene	0.00060	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Benzo(b)fluoranthene	0.00094	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Benzo(k)fluoranthene	0.00000	0.00015	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	n-Butylbenzene	0.00000	0.00009	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	sec-Butylbenzene	0.00000	0.00007	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Chromium	1.99000	0.20000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Chrysene	0.00064	0.00025	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Copper	0.68999	0.09000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Dibenzo(a,h)anthracene	0.00040	0.00028	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Indeno(1,2,3-cd)pyrene	0.00090	0.00016	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Iron	554.00000	2.00000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Isopropylbenzene	0.00016	0.00003	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	p-Isopropyltoluene	0.00000	0.00009	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Lead	3.81000	0.05000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Manganese	12.00000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Mercury	0.38700	0.00060	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	2-Methylnaphthalene	0.00110	0.00039	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Nickel	0.38999	0.02999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	n-Propylbenzene	0.00009	0.00007	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Silver	0.00000	0.00400	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Tetrachloroethene	0.00000	0.00014	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	1,2,4-Trimethylbenzene	0.00016	0.00011	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	1,3,5-Trimethylbenzene	0.00000	0.00004	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Vanadium	1.01000	0.03999	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL11-2-4	5/10/2009	SL-11	soil	861858.81	431883.34	Zinc	3.50000	0.50000	2.0	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Aluminum	511.00000	0.89999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Antimony	0.03700	0.00600	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Aroclor-1254	0.00320	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Aroclor-1268	0.09000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Arsenic	0.00000	0.18000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Barium	3.76000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Benzene	0.00000	0.00018	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Benzo(a)anthracene	0.00068	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Benzo(a)pyrene	0.00052	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Benzo(b)fluoranthene	0.00064	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Benzo(k)fluoranthene	0.00032	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	n-Butylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	sec-Butylbenzene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Chromium	0.56999	0.18000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Chrysene	0.00041	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Copper	0.18999	0.07999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Dibenzo(a,h)anthracene	0.00000	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Indeno(1,2,3-cd)pyrene	0.00028	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Iron	194.00000	2.20000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	p-Isopropyltoluene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Lead	5.74000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Manganese	3.27000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Mercury	1.36000	0.00100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	2-Methylnaphthalene	0.00044	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Nickel	0.15999	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	n-Propylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Silver	0.00600	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Tetrachloroethene	0.00000	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	1,2,4-Trimethylbenzene	0.00000	0.00012	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	1,3,5-Trimethylbenzene	0.00000	0.00005	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Vanadium	0.56000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Zinc	0.94999	0.46000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Aluminum	4240.00000	0.80000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Antimony	0.06199	0.00700	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Aroclor-1016	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Aroclor-1248	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Aroclor-1254	0.02100	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Aroclor-1260	0.00000	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Aroclor-1268	0.02700	0.00209	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Arsenic	0.44999	0.20000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Barium	7.25000	0.01999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Benzene	0.00000	0.00016	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Benzo(a)anthracene	0.00094	0.00048	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Benzo(a)pyrene	0.00064	0.00014	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Benzo(b)fluoranthene	0.00150	0.00025	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Benzo(k)fluoranthene	0.00044	0.00015	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	n-Butylbenzene	0.00000	0.00009	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	sec-Butylbenzene	0.00000	0.00007	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Chromium	3.43000	0.20000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Chrysene	0.00070	0.00025	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Copper	2.95000	0.09000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Dibenzo(a,h)anthracene	0.00000	0.00028	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Indeno(1,2,3-cd)pyrene	0.00046	0.00016	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Iron	670.00000	2.00000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Isopropylbenzene	0.00000	0.00003	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	p-Isopropyltoluene	0.00000	0.00009	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Lead	2.83000	0.05000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Manganese	2.73000	0.03999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Mercury	0.05630	0.00020	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	2-Methylnaphthalene	0.00000	0.00039	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Nickel	1.36000	0.02999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	n-Propylbenzene	0.00000	0.00006	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Silver	0.00000	0.00400	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Tetrachloroethene	0.00000	0.00014	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	1,2,4-Trimethylbenzene	0.00000	0.00011	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	1,3,5-Trimethylbenzene	0.00000	0.00004	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Vanadium	2.42000	0.03999	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Zinc	2.00000	0.49000	2.5	4.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Aluminum	3400.00000	0.89999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Antimony	0.04699	0.00600	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Aroclor-1254	0.00430	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Aroclor-1268	0.07900	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Arsenic	0.37999	0.18000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Barium	4.69000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Benzene	0.00000	0.00017	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Benzo(a)anthracene	0.04100	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Benzo(a)pyrene	0.04500	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Benzo(b)fluoranthene	0.08900	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Benzo(k)fluoranthene	0.02800	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	n-Butylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Chromium	2.44000	0.18000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Chrysene	0.03500	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Copper	0.85000	0.07999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Dibenzo(a,h)anthracene	0.01200	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Indeno(1,2,3-cd)pyrene	0.04200	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Iron	1600.00000	2.20000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	p-Isopropyltoluene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Lead	4.85000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Manganese	8.97000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Mercury	0.10600	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	2-Methylnaphthalene	0.01400	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Nickel	1.52000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	n-Propylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Silver	0.00899	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Tetrachloroethene	0.00000	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	1,2,4-Trimethylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Vanadium	2.18000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL27-0-2	5/10/2009	SL-27	soil	861474.63	430612.00	Zinc	3.40000	0.43999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Aluminum	3150.00000	0.80000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Antimony	0.05600	0.00700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Aroclor-1016	0.00000	0.23000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Aroclor-1248	0.00000	0.11000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Aroclor-1254	0.00000	0.15000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Aroclor-1260	0.00000	0.08700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Aroclor-1268	1.20000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Arsenic	0.33000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Barium	10.60000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Benzene	0.00000	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Benzo(a)anthracene	0.03800	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Benzo(a)pyrene	0.04300	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Benzo(b)fluoranthene	0.03200	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Benzo(k)fluoranthene	0.00769	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	n-Butylbenzene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	sec-Butylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Chromium	3.04000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Chrysene	0.07200	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Copper	1.31000	0.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Dibenzo(a,h)anthracene	0.01200	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Indeno(1,2,3-cd)pyrene	0.02300	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Iron	1110.00000	2.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Isopropylbenzene	0.00000	0.00003	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	p-Isopropyltoluene	0.00000	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Lead	13.40000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Manganese	14.90000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Mercury	0.98700	0.00100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	2-Methylnaphthalene	0.01500	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Nickel	1.34000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	n-Propylbenzene	0.00000	0.00007	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Silver	0.00400	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Tetrachloroethene	0.00057	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	1,2,4-Trimethylbenzene	0.00000	0.00011	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	1,3,5-Trimethylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Vanadium	2.95000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL30-0-2	5/10/2009	SL-30	soil	861308.13	430975.75	Zinc	6.70000	0.52999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Aluminum	3270.00000	0.89999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Antimony	0.04399	0.00700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Aroclor-1254	0.01500	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Aroclor-1268	1.00000	0.02100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Arsenic	0.40000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Barium	7.78000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Benzene	0.00000	0.00019	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Benzo(a)anthracene	0.22000	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Benzo(a)pyrene	0.26000	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Benzo(b)fluoranthene	0.42000	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Benzo(k)fluoranthene	0.13000	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	n-Butylbenzene	0.00000	0.00012	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	sec-Butylbenzene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Chromium	2.95000	0.20999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Chrysene	0.27000	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Copper	1.59000	0.09000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Dibenzo(a,h)anthracene	0.04900	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Indeno(1,2,3-cd)pyrene	0.22000	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Iron	1050.00000	2.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Isopropylbenzene	0.00000	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	p-Isopropyltoluene	0.00000	0.00012	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Lead	16.80000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Manganese	10.10000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Mercury	1.10000	0.00100	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	2-Methylnaphthalene	0.01500	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Nickel	1.07000	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	n-Propylbenzene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Silver	0.02300	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Tetrachloroethene	0.00000	0.00017	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	1,2,4-Trimethylbenzene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	1,3,5-Trimethylbenzene	0.00000	0.00005	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Vanadium	4.46000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL4-0-2	5/10/2009	SL-4	soil	861035.44	430505.94	Zinc	4.80000	0.51999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Aluminum	2170.00000	0.80000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Antimony	0.06499	0.00700	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Aroclor-1016	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Aroclor-1248	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Aroclor-1254	0.00360	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Aroclor-1260	0.00000	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Aroclor-1268	0.07500	0.00209	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Arsenic	2.84000	0.20000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Barium	15.30000	0.01999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Benzene	0.00000	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Benzo(a)anthracene	0.00209	0.00048	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Benzo(a)pyrene	0.00130	0.00014	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Benzo(b)fluoranthene	0.00310	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Benzo(k)fluoranthene	0.00080	0.00015	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	n-Butylbenzene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	sec-Butylbenzene	0.00052	0.00009	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Chromium	2.96000	0.20000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Chrysene	0.00360	0.00025	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Copper	0.57999	0.09000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Dibenzo(a,h)anthracene	0.00077	0.00028	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Indeno(1,2,3-cd)pyrene	0.00094	0.00016	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Iron	2040.00000	2.10000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Isopropylbenzene	0.00016	0.00004	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	p-Isopropyltoluene	0.00000	0.00012	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Lead	3.43000	0.05000	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Manganese	8.00000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Mercury	0.15500	0.00020	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	2-Methylnaphthalene	0.00064	0.00039	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Nickel	0.38999	0.02999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	n-Propylbenzene	0.00000	0.00008	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Silver	0.00600	0.00400	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Tetrachloroethene	0.00000	0.00017	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	1,2,4-Trimethylbenzene	0.00000	0.00013	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	1,3,5-Trimethylbenzene	0.00000	0.00005	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Vanadium	3.33000	0.03999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
09130-SL9-0-2	5/10/2009	SL-9	soil	861241.38	431584.81	Zinc	1.80000	0.50999	0.0	2.0	0	0	grab		May 2009 Upland Soill Sampling		0	CAS
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)anthracene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)pyrene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(b)fluoranthene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(k)fluoranthene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Chrysene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Dibenzo(a,h)anthracene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Indeno(1,2,3-cd)pyrene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	2-Methylnaphthalene	0.00000	3.40000	0.0	0.2	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)anthracene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)pyrene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(b)fluoranthene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(k)fluoranthene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Chrysene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Dibenzo(a,h)anthracene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Indeno(1,2,3-cd)pyrene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	2-Methylnaphthalene	0.00000	2.60000	0.6	0.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)anthracene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)pyrene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(b)fluoranthene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(k)fluoranthene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Chrysene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Dibenzo(a,h)anthracene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Indeno(1,2,3-cd)pyrene	0.00000	5.10000	1.6	1.8	0	0					0	REA
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	2-Methylnaphthalene	0.00000	5.10000	1.6	1.8	0	0					0	REA
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Aluminum	4480.00000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Antimony	0.00000	16.30000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1016	0.00000	0.14000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1248	0.01600	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1254	0.04400	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1260	0.03200	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Arsenic	3.30000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Barium	157.00000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Benzene	0.00000	2.70000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Chromium	0.00000	2.70000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Copper	9.10000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Iron	2400.00000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Lead	16.10000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Manganese	52.30000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Mercury	0.00000	0.03999	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Nickel	0.00000	14.80000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Silver	0.00000	1.70000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Tetrachloroethene	0.00000	2.70000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Vanadium	9.90000	0.00000	0.0	0.0	0	0				MUD	0	Col
642-SLA	11/29/1994	LC-642	soil	861791.13	433226.94	Zinc	11.70000	0.00000	0.0	0.0	0	0				MUD	0	Col
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Aroclor-1016	0.00000	0.03990	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Aroclor-1248	0.00000	0.03990	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Aroclor-1254	2.29000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Aroclor-1260	0.00000	0.03990	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Aroclor-1268	9.06000	0.41100	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Benzo(a)anthracene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Benzo(a)pyrene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Benzo(b)fluoranthene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Benzo(k)fluoranthene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Chrysene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Dibenzo(a,h)anthracene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Indeno(1,2,3-cd)pyrene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Mercury	9.54000	0.12099	0.0	1.0	0	0	comp	NW area			0	Eco
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	2-Methylnaphthalene	0.00000	0.39900	0.0	1.0	0	0	comp	NW area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Aroclor-1016	0.00000	0.03990	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Aroclor-1248	0.00000	0.03990	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Aroclor-1254	1.14000	0.03990	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Aroclor-1260	0.00000	0.03990	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Aroclor-1268	4.35000	0.20500	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Benzo(a)anthracene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Benzo(a)pyrene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Benzo(b)fluoranthene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Benzo(k)fluoranthene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Chrysene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Dibenzo(a,h)anthracene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Indeno(1,2,3-cd)pyrene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Mercury	13.00000	3.02000	0.0	1.0	0	0	comp	SE area			0	Eco
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	2-Methylnaphthalene	0.00000	0.39900	0.0	1.0	0	0	comp	SE area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Aroclor-1016	0.00000	1.59000	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Aroclor-1248	0.00000	1.59000	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Aroclor-1254	0.00000	1.59000	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Aroclor-1260	0.00000	1.59000	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Aroclor-1268	26.60000	0.82100	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Benzo(a)anthracene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Benzo(a)pyrene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Benzo(b)fluoranthene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Benzo(k)fluoranthene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Chrysene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Dibenzo(a,h)anthracene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Indeno(1,2,3-cd)pyrene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Mercury	23.40000	3.02000	1.1	2.0	0	0	comp	SW area			0	Eco
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	2-Methylnaphthalene	0.00000	0.39900	1.1	2.0	0	0	comp	SW area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Aroclor-1016	0.00000	0.03990	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Aroclor-1248	0.00000	0.03990	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Aroclor-1254	0.14500	0.03990	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Aroclor-1260	0.00000	0.03990	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Aroclor-1268	2.17000	0.06159	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Benzo(a)anthracene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Benzo(a)pyrene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Benzo(b)fluoranthene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Benzo(k)fluoranthene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Chrysene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Dibenzo(a,h)anthracene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Indeno(1,2,3-cd)pyrene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Mercury	16.90000	3.02000	0.0	1.0	0	0	comp	W area			0	Eco
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	2-Methylnaphthalene	0.00000	0.39900	0.0	1.0	0	0	comp	W area			0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Aroclor-1016	0.00000	0.19900	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Aroclor-1248	0.00000	0.19900	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Aroclor-1254	0.00000	0.19900	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Aroclor-1260	0.00000	0.19900	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Aroclor-1268	3.02000	0.10100	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Barium	21.70000	0.24199	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Benzo(a)anthracene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Benzo(a)pyrene	1.61000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Benzo(b)fluoranthene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Benzo(k)fluoranthene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Chrysene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Dibenzo(a,h)anthracene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Indeno(1,2,3-cd)pyrene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Mercury	6.64000	0.12099	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	2-Methylnaphthalene	0.00000	1.20000	0.0	1.0	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-03	7/20/1994	94201-03	soil	861092.06	431121.97	Barium	30.20000	0.24199	0.0	1.0	0	0	comp	C sample, W of imp.1		BAC	0	Eco
94201-03	7/20/1994	94201-03	soil	861092.06	431121.97	Mercury	1.69000	0.05999	0.0	1.0	0	0	comp	C sample, W of imp.1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Aroclor-1016	0.00000	0.03990	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Aroclor-1248	0.00000	0.03990	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Aroclor-1254	0.00000	0.03990	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Aroclor-1260	0.00000	0.03990	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Aroclor-1268	0.00000	0.02020	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Barium	2.66000	0.24199	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Benzo(a)anthracene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Benzo(a)pyrene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Benzo(b)fluoranthene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Benzo(k)fluoranthene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Chrysene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Dibenzo(a,h)anthracene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Indeno(1,2,3-cd)pyrene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Mercury	1.69000	0.05999	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	2-Methylnaphthalene	0.00000	0.39900	2.5	2.5	0	0	comp	N sample, W of imp. 1		BAC	0	Eco
94201-08	7/20/1994	94201-08	soil	861092.06	431121.97	Barium	4.59000	0.24199	2.5	2.5	0	0	comp	C sample, W of imp.1		BAC	0	Eco
94201-08	7/20/1994	94201-08	soil	861092.06	431121.97	Mercury	3.14000	0.05999	2.5	2.5	0	0	comp	C sample, W of imp.1		BAC	0	Eco
94201-09	7/20/1994	94201-09	soil	861075.06	430957.97	Barium	242.00000	0.24199	2.5	2.5	0	0	comp	S sample, W of imp. 1		BAC	0	Eco
94201-09	7/20/1994	94201-09	soil	861075.06	430957.97	Mercury	3.02000	0.05999	2.5	2.5	0	0	comp	S sample, W of imp. 1		BAC	0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Aroclor-1016	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Aroclor-1248	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Aroclor-1254	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Aroclor-1260	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Aroclor-1268	3.14000	0.20200	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Barium	45.90000	0.24199	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Benzo(a)anthracene	0.68800	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Benzo(a)pyrene	0.61600	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Benzo(b)fluoranthene	0.99000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Benzo(k)fluoranthene	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Chrysene	0.85000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Dibenzo(a,h)anthracene	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Indeno(1,2,3-cd)pyrene	0.42300	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Lead	483.00000	1.81000	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Mercury	0.96600	0.05999	1.0	3.0	0	0	comp	N section			0	Eco
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	2-Methylnaphthalene	0.00000	0.39900	1.0	3.0	0	0	comp	N section			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Aroclor-1016	0.00000	0.39900	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Aroclor-1248	0.00000	0.39900	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Aroclor-1254	4.11000	0.39900	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Aroclor-1260	0.00000	0.39900	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Aroclor-1268	4.35000	0.20200	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Lead	326.00000	1.81000	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-05	7/27/1994	94208-05	soil	861965.13	432510.94	Mercury	17.40000	0.30199	0.0	1.0	0	0	comp	3rd N most			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Aroclor-1016	0.00000	0.79700	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Aroclor-1248	0.00000	0.79700	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Aroclor-1254	7.13000	0.79700	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Aroclor-1260	0.00000	0.79700	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Aroclor-1268	9.66000	0.40300	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Lead	163.00000	1.81000	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-06	7/27/1994	94208-06	soil	861937.13	432303.94	Mercury	12.10000	0.30199	0.0	1.0	0	0	comp	just N of E-W road			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Aroclor-1016	0.00000	0.03990	0.0	1.0	0	0	comp	2nd most S			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Aroclor-1248	0.00000	0.03990	0.0	1.0	0	0	comp	2nd most S			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Aroclor-1254	0.00000	0.03990	0.0	1.0	0	0	comp	2nd most S			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Aroclor-1260	0.00000	0.03990	0.0	1.0	0	0	comp	2nd most S			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Aroclor-1268	0.37400	0.02020	0.0	1.0	0	0	comp	2nd most S			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Lead	205.00000	1.81000	0.0	1.0	0	0	comp	2nd most S			0	Eco
94208-10	7/27/1994	94208-10	soil	861771.06	431479.94	Mercury	37.30000	3.02000	0.0	1.0	0	0	comp	2nd most S			0	Eco
94341-02	12/7/1994	94341-02	soil	861694.06	430724.94	Mercury	0.00000	0.05499	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-03	12/7/1994	94341-03	soil	861694.06	430724.94	Mercury	0.00000	0.05999	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-04	12/7/1994	94341-04	soil	861731.06	430932.94	Mercury	0.00000	0.05700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Aroclor-1016	0.00000	0.04040	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Aroclor-1248	0.00000	0.04040	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Aroclor-1254	0.00000	0.04040	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Aroclor-1260	0.00000	0.04040	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Aroclor-1268	0.00000	0.04040	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Barium	4.41000	0.24500	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Lead	2.08000	1.84000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Mercury	0.00000	0.06100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Aroclor-1016	0.00000	0.03860	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Aroclor-1248	0.00000	0.03860	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Aroclor-1254	0.00000	0.03860	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Aroclor-1260	0.00000	0.03860	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Aroclor-1268	0.00000	0.03860	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Mercury	0.00000	0.05900	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-07	12/7/1994	94341-07	soil	861748.06	431038.94	Mercury	0.00000	0.06199	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-08	12/7/1994	94341-08	soil	861776.06	431138.94	Aroclor-1016	0.00000	0.03920	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-08	12/7/1994	94341-08	soil	861776.06	431138.94	Aroclor-1248	0.00000	0.03920	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-08	12/7/1994	94341-08	soil	861776.06	431138.94	Aroclor-1254	0.39200	0.03920	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-08	12/7/1994	94341-08	soil	861776.06	431138.94	Aroclor-1260	0.00000	0.03920	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-08	12/7/1994	94341-08	soil	861776.06	431138.94	Aroclor-1268	0.40400	0.03920	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-08	12/7/1994	94341-08	soil	861776.06	431138.94	Mercury	0.00000	0.05900	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94341-09	12/7/1994	94341-09	soil	861776.06	431138.94	Mercury	0.00000	0.06499	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-12	12/8/1994	94342-12	soil	861767.06	430813.94	Mercury	0.00000	0.05499	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-14	12/8/1994	94342-14	soil	861767.06	430813.94	Aroclor-1016	0.00000	0.04080	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-14	12/8/1994	94342-14	soil	861767.06	430813.94	Aroclor-1248	0.00000	0.04080	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-14	12/8/1994	94342-14	soil	861767.06	430813.94	Aroclor-1254	0.00000	0.04080	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-14	12/8/1994	94342-14	soil	861767.06	430813.94	Aroclor-1260	0.00000	0.04080	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-14	12/8/1994	94342-14	soil	861767.06	430813.94	Aroclor-1268	0.43300	0.04080	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-14	12/8/1994	94342-14	soil	861767.06	430813.94	Mercury	0.00000	0.06199	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-15	12/8/1994	94342-15	soil	861836.06	430927.94	Mercury	0.00000	0.05600	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Aroclor-1016	0.00000	0.03940	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Aroclor-1248	0.00000	0.03940	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Aroclor-1254	0.00000	0.03940	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Aroclor-1260	0.00000	0.03940	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Aroclor-1268	0.00000	0.03940	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Mercury	0.00000	0.05999	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-17	12/8/1994	94342-17	soil	861852.06	431018.94	Mercury	0.00000	0.05900	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Aroclor-1016	0.00000	0.04330	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Aroclor-1248	0.00000	0.04330	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Aroclor-1254	0.94500	0.04330	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Aroclor-1260	0.00000	0.04330	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Aroclor-1268	2.36000	0.13000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Barium	4.72000	0.26199	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Lead	7.74000	1.97000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-18	12/8/1994	94342-18	soil	861852.06	431018.94	Mercury	0.00000	0.06599	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-19	12/8/1994	94342-19	soil	861865.06	431119.94	Aroclor-1016	0.00000	0.08110	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-19	12/8/1994	94342-19	soil	861865.06	431119.94	Aroclor-1248	0.00000	0.08110	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-19	12/8/1994	94342-19	soil	861865.06	431119.94	Aroclor-1254	1.07000	0.08110	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-19	12/8/1994	94342-19	soil	861865.06	431119.94	Aroclor-1260	0.00000	0.08110	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-19	12/8/1994	94342-19	soil	861865.06	431119.94	Aroclor-1268	3.07000	0.08110	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94342-19	12/8/1994	94342-19	soil	861865.06	431119.94	Mercury	7.04000	0.30700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-06	12/9/1994	94343-06	soil	861869.06	430798.94	Aroclor-1016	0.00000	0.03670	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-06	12/9/1994	94343-06	soil	861869.06	430798.94	Aroclor-1248	0.00000	0.03670	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-06	12/9/1994	94343-06	soil	861869.06	430798.94	Aroclor-1254	0.00000	0.03670	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-06	12/9/1994	94343-06	soil	861869.06	430798.94	Aroclor-1260	0.00000	0.03670	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-06	12/9/1994	94343-06	soil	861869.06	430798.94	Aroclor-1268	0.13300	0.03670	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-06	12/9/1994	94343-06	soil	861869.06	430798.94	Mercury	0.00000	0.05600	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Aroclor-1016	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Aroclor-1248	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Aroclor-1254	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Aroclor-1260	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Aroclor-1268	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Mercury	0.00000	0.05700	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Aroclor-1016	0.00000	0.03590	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Aroclor-1248	0.00000	0.03590	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Aroclor-1254	0.00000	0.03590	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Aroclor-1260	0.00000	0.03590	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Aroclor-1268	0.00000	0.03590	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Mercury	0.00000	0.05400	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-09	12/9/1994	94343-09	soil	861947.06	430994.94	Aroclor-1016	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-09	12/9/1994	94343-09	soil	861947.06	430994.94	Aroclor-1248	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-09	12/9/1994	94343-09	soil	861947.06	430994.94	Aroclor-1254	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-09	12/9/1994	94343-09	soil	861947.06	430994.94	Aroclor-1260	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-09	12/9/1994	94343-09	soil	861947.06	430994.94	Aroclor-1268	0.05409	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-09	12/9/1994	94343-09	soil	861947.06	430994.94	Mercury	0.00000	0.06100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-11	12/9/1994	94343-11	soil	861970.06	431100.94	Aroclor-1016	0.00000	0.04150	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-11	12/9/1994	94343-11	soil	861970.06	431100.94	Aroclor-1248	0.00000	0.04150	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-11	12/9/1994	94343-11	soil	861970.06	431100.94	Aroclor-1254	0.00000	0.04150	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-11	12/9/1994	94343-11	soil	861970.06	431100.94	Aroclor-1260	0.00000	0.04150	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-11	12/9/1994	94343-11	soil	861970.06	431100.94	Aroclor-1268	0.08550	0.04150	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-11	12/9/1994	94343-11	soil	861970.06	431100.94	Mercury	0.00000	0.06300	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Aroclor-1016	0.00000	0.04060	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Aroclor-1248	0.00000	0.04060	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Aroclor-1254	0.00000	0.04060	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Aroclor-1260	0.00000	0.04060	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Aroclor-1268	0.00000	0.04060	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Mercury	0.00000	0.06199	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Aroclor-1016	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Aroclor-1248	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Aroclor-1254	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Aroclor-1260	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Aroclor-1268	0.09690	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Barium	7.98000	0.24500	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Lead	4.66000	1.84000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94343-14	12/9/1994	94343-14	soil	861998.06	431189.94	Mercury	0.00000	0.06100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Aroclor-1016	0.00000	0.03680	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Aroclor-1248	0.00000	0.03680	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Aroclor-1254	0.00000	0.03680	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Aroclor-1260	0.00000	0.03680	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Aroclor-1268	0.00000	0.03680	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Mercury	0.00000	0.05600	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Aroclor-1016	0.00000	0.03629	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Aroclor-1248	0.00000	0.03629	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Aroclor-1254	0.00000	0.03629	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Aroclor-1260	0.00000	0.03629	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Aroclor-1268	0.00000	0.03629	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Mercury	0.00000	0.05499	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-03	12/10/1994	94344-03	soil	861879.06	430722.94	Aroclor-1016	0.00000	0.03450	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-03	12/10/1994	94344-03	soil	861879.06	430722.94	Aroclor-1248	0.00000	0.03450	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-03	12/10/1994	94344-03	soil	861879.06	430722.94	Aroclor-1254	0.00000	0.03450	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-03	12/10/1994	94344-03	soil	861879.06	430722.94	Aroclor-1260	0.00000	0.03450	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-03	12/10/1994	94344-03	soil	861879.06	430722.94	Aroclor-1268	0.04179	0.03450	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-03	12/10/1994	94344-03	soil	861879.06	430722.94	Mercury	0.00000	0.05200	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Aroclor-1016	0.00000	0.03670	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Aroclor-1248	0.00000	0.03670	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Aroclor-1254	0.00000	0.03670	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Aroclor-1260	0.00000	0.03670	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Aroclor-1268	0.00000	0.03670	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Mercury	0.00000	0.05600	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Aroclor-1016	0.00000	0.03700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Aroclor-1248	0.00000	0.03700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Aroclor-1254	0.00000	0.03700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Aroclor-1260	0.00000	0.03700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Aroclor-1268	0.00000	0.03700	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Mercury	0.00000	0.05600	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-06	12/10/1994	94344-06	soil	861970.06	430773.94	Aroclor-1016	0.00000	0.03660	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-06	12/10/1994	94344-06	soil	861970.06	430773.94	Aroclor-1248	0.00000	0.03660	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-06	12/10/1994	94344-06	soil	861970.06	430773.94	Aroclor-1254	0.00000	0.03660	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-06	12/10/1994	94344-06	soil	861970.06	430773.94	Aroclor-1260	0.00000	0.03660	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-06	12/10/1994	94344-06	soil	861970.06	430773.94	Aroclor-1268	0.05650	0.03660	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-06	12/10/1994	94344-06	soil	861970.06	430773.94	Mercury	0.00000	0.05499	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-07	12/10/1994	94344-07	soil	861937.06	430914.94	Aroclor-1016	0.00000	0.03580	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-07	12/10/1994	94344-07	soil	861937.06	430914.94	Aroclor-1248	0.00000	0.03580	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-07	12/10/1994	94344-07	soil	861937.06	430914.94	Aroclor-1254	0.00000	0.03580	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-07	12/10/1994	94344-07	soil	861937.06	430914.94	Aroclor-1260	0.00000	0.03580	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-07	12/10/1994	94344-07	soil	861937.06	430914.94	Aroclor-1268	0.06190	0.03580	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-07	12/10/1994	94344-07	soil	861937.06	430914.94	Mercury	0.00000	0.05400	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Aroclor-1016	0.00000	0.03740	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Aroclor-1248	0.00000	0.03740	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Aroclor-1254	0.00000	0.03740	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Aroclor-1260	0.00000	0.03740	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Aroclor-1268	0.00000	0.03740	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Barium	3.63000	0.22699	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Lead	2.15000	1.70000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Mercury	0.00000	0.05700	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Aroclor-1016	0.00000	0.03510	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Aroclor-1248	0.00000	0.03510	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Aroclor-1254	0.00000	0.03510	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Aroclor-1260	0.00000	0.03510	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Aroclor-1268	0.00000	0.03510	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Mercury	0.00000	0.05299	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Aroclor-1016	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Aroclor-1248	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Aroclor-1254	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Aroclor-1260	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Aroclor-1268	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Mercury	0.00000	0.05700	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Aroclor-1268	0.00000	0.03500	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Mercury	0.00000	0.05299	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Aroclor-1016	0.00000	0.03570	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Aroclor-1248	0.00000	0.03570	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Aroclor-1254	0.00000	0.03570	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Aroclor-1260	0.00000	0.03570	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Aroclor-1268	0.00000	0.03570	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Mercury	0.00000	0.05400	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Aroclor-1016	0.00000	0.03610	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Aroclor-1248	0.00000	0.03610	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Aroclor-1254	0.00000	0.03610	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Aroclor-1260	0.00000	0.03610	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Aroclor-1268	0.00000	0.03610	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Barium	5.80000	0.21899	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Lead	7.22000	1.64000	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Mercury	0.00000	0.05499	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Aroclor-1016	0.00000	0.03950	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Aroclor-1248	0.00000	0.03950	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Aroclor-1254	0.00000	0.03950	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Aroclor-1260	0.00000	0.03950	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Aroclor-1268	0.00000	0.03950	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Mercury	0.00000	0.05999	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-18	12/10/1994	94344-18	soil	862032.56	431182.56	Aroclor-1016	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-18	12/10/1994	94344-18	soil	862032.56	431182.56	Aroclor-1248	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-18	12/10/1994	94344-18	soil	862032.56	431182.56	Aroclor-1254	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-18	12/10/1994	94344-18	soil	862032.56	431182.56	Aroclor-1260	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-18	12/10/1994	94344-18	soil	862032.56	431182.56	Aroclor-1268	0.00000	0.04050	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-18	12/10/1994	94344-18	soil	862032.56	431182.56	Mercury	0.00000	0.06100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Aroclor-1016	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Aroclor-1248	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Aroclor-1254	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Aroclor-1260	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Aroclor-1268	0.00000	0.03790	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Mercury	0.00000	0.05700	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-22	12/10/1994	94344-22	soil	862095.06	431404.94	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-22	12/10/1994	94344-22	soil	862095.06	431404.94	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-22	12/10/1994	94344-22	soil	862095.06	431404.94	Aroclor-1254	0.07869	0.04000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-22	12/10/1994	94344-22	soil	862095.06	431404.94	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-22	12/10/1994	94344-22	soil	862095.06	431404.94	Aroclor-1268	0.43600	0.04000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-22	12/10/1994	94344-22	soil	862095.06	431404.94	Mercury	1.24000	0.60500	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-25	12/10/1994	94344-25	soil	862029.06	431411.94	Aroclor-1016	0.00000	0.04360	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-25	12/10/1994	94344-25	soil	862029.06	431411.94	Aroclor-1248	0.00000	0.04360	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-25	12/10/1994	94344-25	soil	862029.06	431411.94	Aroclor-1254	0.00000	0.04360	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-25	12/10/1994	94344-25	soil	862029.06	431411.94	Aroclor-1260	0.00000	0.04360	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-25	12/10/1994	94344-25	soil	862029.06	431411.94	Aroclor-1268	0.55500	0.04360	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
94344-25	12/10/1994	94344-25	soil	862029.06	431411.94	Mercury	2.09000	0.06599	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Aroclor-1016	0.00000	0.03800	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Aroclor-1248	0.00000	0.03800	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Aroclor-1254	0.00000	0.03800	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Aroclor-1260	0.00000	0.03800	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Aroclor-1268	0.00000	0.03800	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Barium	7.83000	0.23000	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Lead	155.00000	3.45000	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Mercury	0.00000	0.28799	0.0	1.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Aroclor-1016	0.00000	0.04109	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Aroclor-1248	0.00000	0.04109	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Aroclor-1254	0.00000	0.04109	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Aroclor-1260	0.00000	0.04109	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Aroclor-1268	9.09000	0.04109	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Barium	3.49000	0.24899	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Lead	3.74000	3.74000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-21	2/16/1995	950047-21	soil	861968.06	431324.94	Mercury	4.22000	0.62300	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Aroclor-1016	0.00000	0.04100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Aroclor-1248	0.00000	0.04100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Aroclor-1254	0.00000	0.04100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Aroclor-1260	0.00000	0.04100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Aroclor-1268	0.08070	0.04100	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Barium	7.33000	0.24799	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Lead	3.98000	3.73000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950047-25	2/16/1995	950047-25	soil	862049.94	431299.25	Mercury	11.70000	6.21000	2.0	3.0	0	0	grab	Proposed Containment Cell Area			0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Aroclor-1016	0.00000	0.16300	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Aroclor-1248	0.00000	0.16300	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Aroclor-1254	0.00000	0.16300	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Aroclor-1260	0.00000	0.16300	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Aroclor-1268	2.10000	0.16300	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Barium	12.40000	0.24699	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Lead	112.00000	3.71000	2.0	3.0	0	0	grab				0	Eco
950058-05	2/27/1995	950058-05	soil	861548.06	431947.94	Mercury	0.00000	0.30899	2.0	3.0	0	0	grab				0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Aroclor-1016	0.00000	0.04280	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Aroclor-1248	0.00000	0.04280	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Aroclor-1254	0.00000	0.04280	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Aroclor-1260	0.00000	0.04280	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Aroclor-1268	0.10400	0.04280	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Barium	1.69000	0.25900	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Lead	0.00000	3.89000	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950066-20	3/7/1995	950066-20	soil	863018.13	432491.91	Mercury	0.00000	0.32400	2.0	3.0	0	0	grab	Raw Brine Tank perimeter			0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Aluminum	2110.00000	4.11000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Antimony	0.00000	3.33000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Aroclor-1016	0.00000	0.03660	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Aroclor-1248	0.00000	0.03660	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Aroclor-1254	0.00000	0.03660	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Aroclor-1260	0.00000	0.03660	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Aroclor-1268	0.00000	0.03660	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Arsenic	0.00000	7.21000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Barium	6.66000	0.22200	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Benzene	0.00000	0.00555	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Benzo(a)anthracene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Benzo(a)pyrene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Benzo(b)fluoranthene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Benzo(k)fluoranthene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Chromium	2.22000	0.77700	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Chrysene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Copper	2.22000	0.55500	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Dibenzo(a,h)anthracene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Indeno(1,2,3-cd)pyrene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Iron	1330.00000	1.78000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Lead	3.33000	3.33000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Manganese	23.30000	5.55000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Mercury	0.00000	0.27700	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	2-Methylnaphthalene	0.00000	0.36600	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Nickel	1.11000	0.77700	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Silver	0.00000	0.44400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Tetrachloroethene	0.00000	0.00555	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Vanadium	2.22000	0.99900	2.5	2.5	0	0	grab				0	Eco
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Zinc	5.55000	1.89000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aluminum	1760.00000	4.64000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Antimony	0.00000	3.76000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aroclor-1016	0.00000	0.04140	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aroclor-1248	0.00000	0.04140	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aroclor-1254	0.00000	0.04140	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aroclor-1260	0.00000	0.04140	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aroclor-1268	0.00000	0.04140	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Arsenic	0.00000	8.16000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Barium	5.02000	0.25099	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Benzene	0.00000	0.00627	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Benzo(a)anthracene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Benzo(a)pyrene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Benzo(b)fluoranthene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Benzo(k)fluoranthene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Chromium	1.26000	0.87800	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Chrysene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Copper	0.87800	0.62699	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Dibenzo(a,h)anthracene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Indeno(1,2,3-cd)pyrene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Iron	991.00000	2.01000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Lead	0.00000	3.76000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Manganese	8.78000	6.27000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Mercury	0.00000	0.31400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	2-Methylnaphthalene	0.00000	0.41400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Nickel	0.00000	0.87800	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Silver	0.00000	0.50199	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Tetrachloroethene	0.00000	0.00627	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Vanadium	1.26000	1.13000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Zinc	2.51000	2.13000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aluminum	171.00000	4.52000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Antimony	0.00000	3.66000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aroclor-1016	0.00000	0.04030	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aroclor-1248	0.00000	0.04030	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aroclor-1254	0.00000	0.04030	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aroclor-1260	0.00000	0.04030	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aroclor-1268	0.00000	0.04030	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Arsenic	0.00000	7.94000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Barium	1.10000	0.24400	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Benzene	0.00000	0.00611	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Benzo(a)anthracene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Benzo(a)pyrene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Benzo(b)fluoranthene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Benzo(k)fluoranthene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Chromium	0.00000	0.85500	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Chrysene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Copper	0.00000	0.61100	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Dibenzo(a,h)anthracene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Indeno(1,2,3-cd)pyrene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Iron	183.00000	1.95000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Lead	0.00000	3.66000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Manganese	6.11000	6.11000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Mercury	0.00000	0.06100	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	2-Methylnaphthalene	0.00000	0.40300	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Nickel	0.00000	0.85500	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Silver	0.00000	0.48800	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Tetrachloroethene	0.00000	0.00611	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Vanadium	1.22000	1.10000	2.5	2.5	0	0	grab				0	Eco
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Zinc	4.88000	2.08000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aluminum	3060.00000	3.78000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Antimony	0.00000	3.06000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aroclor-1016	0.00000	0.03370	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aroclor-1248	0.00000	0.03370	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aroclor-1254	0.00000	0.03370	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aroclor-1260	0.00000	0.03370	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aroclor-1268	0.00000	0.03370	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Arsenic	0.00000	6.63000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Barium	4.08000	0.20399	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Benzene	0.00000	0.00510	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Benzo(a)anthracene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Benzo(a)pyrene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Benzo(b)fluoranthene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Benzo(k)fluoranthene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Chromium	2.04000	0.71399	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Chrysene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Copper	2.04000	0.50999	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Dibenzo(a,h)anthracene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Indeno(1,2,3-cd)pyrene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Iron	888.00000	1.63000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Lead	11.20000	3.06000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Manganese	0.00000	5.10000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Mercury	0.00000	0.25499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	2-Methylnaphthalene	0.00000	0.50499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Nickel	1.02000	0.71399	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Silver	0.00000	0.40799	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Tetrachloroethene	0.00000	0.00510	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Vanadium	3.06000	0.91799	2.5	2.5	0	0	grab				0	Eco
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Zinc	10.20000	1.74000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aluminum	3670.00000	4.24000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Antimony	0.00000	3.44000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aroclor-1016	0.00000	0.37800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aroclor-1248	0.00000	0.37800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aroclor-1254	0.00000	0.37800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aroclor-1260	0.00000	0.37800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aroclor-1268	0.00000	0.37800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Arsenic	12.60000	7.45000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Barium	34.40000	0.22900	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Benzene	0.00000	0.00573	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Benzo(a)anthracene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Benzo(a)pyrene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Benzo(b)fluoranthene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Benzo(k)fluoranthene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Chromium	12.60000	0.80199	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Chrysene	2.62000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Copper	60.70000	0.57300	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Dibenzo(a,h)anthracene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Indeno(1,2,3-cd)pyrene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Iron	16000.00000	1.83000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Lead	263.00000	3.44000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Manganese	101.00000	5.73000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Mercury	0.34099	0.28600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	2-Methylnaphthalene	0.00000	2.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Nickel	38.90000	0.80199	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Silver	0.00000	0.45800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Tetrachloroethene	0.05730	0.00573	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Vanadium	60.70000	1.03000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Zinc	43.50000	1.95000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aluminum	3080.00000	4.22000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Antimony	0.00000	3.42000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aroclor-1016	0.00000	0.37600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aroclor-1248	0.00000	0.37600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aroclor-1254	0.00000	0.37600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aroclor-1260	0.00000	0.37600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aroclor-1268	0.00000	0.37600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Arsenic	0.00000	7.41000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Barium	25.10000	0.22800	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Benzene	0.00000	0.00570	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Benzo(a)anthracene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Benzo(a)pyrene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Benzo(b)fluoranthene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Benzo(k)fluoranthene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Chromium	5.70000	0.79799	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Chrysene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Copper	28.50000	0.56999	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Dibenzo(a,h)anthracene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Indeno(1,2,3-cd)pyrene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Iron	9010.00000	1.82000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Lead	182.00000	3.42000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Manganese	61.60000	5.70000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Mercury	1.20000	0.28499	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	2-Methylnaphthalene	0.00000	2.26000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Nickel	14.80000	0.79799	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Silver	0.00000	0.45600	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Tetrachloroethene	0.00000	0.00570	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Vanadium	33.10000	1.03000	2.5	2.5	0	0	grab				0	Eco
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Zinc	125.00000	1.94000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aluminum	2780.00000	4.12000	2.5	2.5	0	0	grab				0	Eco

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Antimony	0.00000	3.34000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aroclor-1016	0.00000	0.36700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aroclor-1248	0.00000	0.36700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aroclor-1254	0.00000	0.36700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aroclor-1260	0.00000	0.36700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aroclor-1268	0.00000	0.36700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Arsenic	0.00000	7.24000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Barium	34.50000	0.22300	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Benzene	0.00000	0.00557	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Benzo(a)anthracene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Benzo(a)pyrene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Benzo(b)fluoranthene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Benzo(k)fluoranthene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Chromium	5.57000	0.77999	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Chrysene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Copper	167.00000	0.55699	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Dibenzo(a,h)anthracene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Indeno(1,2,3-cd)pyrene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Iron	13400.00000	1.78000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Lead	323.00000	3.34000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Manganese	83.50000	5.57000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Mercury	4.13000	0.27799	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	2-Methylnaphthalene	0.00000	2.20000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Nickel	12.20000	0.77999	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Silver	0.00000	0.44499	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Tetrachloroethene	0.00000	0.00557	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Vanadium	22.30000	1.00000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Zinc	102.00000	1.89000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aluminum	2890.00000	4.28000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Antimony	0.00000	3.47000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aroclor-1016	0.00000	0.38200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aroclor-1248	0.00000	0.38200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aroclor-1254	0.00000	0.38200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aroclor-1260	0.00000	0.38200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aroclor-1268	0.00000	0.38200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Arsenic	0.00000	7.51000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Barium	27.70000	0.23100	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Benzene	0.00000	0.00578	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Benzo(a)anthracene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Benzo(a)pyrene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Benzo(b)fluoranthene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Benzo(k)fluoranthene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Chromium	4.62000	0.80900	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Chrysene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Copper	72.80000	0.57800	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Dibenzo(a,h)anthracene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Indeno(1,2,3-cd)pyrene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Iron	7400.00000	1.85000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Lead	243.00000	3.47000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Manganese	82.10000	5.78000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Mercury	0.38600	0.28900	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	2-Methylnaphthalene	0.00000	11.40000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Nickel	9.25000	0.80900	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Silver	0.00000	0.46200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Tetrachloroethene	0.00000	0.00578	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Vanadium	15.00000	1.04000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Zinc	67.10000	1.97000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aluminum	4320.00000	4.00000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Antimony	0.00000	3.24000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aroclor-1016	0.00000	0.35700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aroclor-1248	0.00000	0.35700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aroclor-1254	0.00000	0.35700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aroclor-1260	0.00000	0.35700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aroclor-1268	0.00000	0.35700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Arsenic	0.00000	7.03000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Barium	53.00000	0.21600	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Benzene	0.00000	0.00541	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Benzo(a)anthracene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Benzo(a)pyrene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Benzo(b)fluoranthene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Benzo(k)fluoranthene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Chromium	4.32000	0.75700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Chrysene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Copper	28.10000	0.54100	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Dibenzo(a,h)anthracene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Indeno(1,2,3-cd)pyrene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Iron	9410.00000	1.73000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Lead	249.00000	3.24000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Manganese	106.00000	5.41000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Mercury	3.84000	0.27000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	2-Methylnaphthalene	0.00000	2.14000	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Nickel	6.49000	0.75700	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Silver	0.00000	0.43200	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Tetrachloroethene	0.00000	0.00541	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Vanadium	17.30000	0.97299	2.5	2.5	0	0	grab				0	Eco
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Zinc	65.90000	1.84000	2.5	2.5	0	0	grab				0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aluminum	3180.00000	4.70000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Antimony	0.00000	3.81000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aroclor-1016	0.00000	0.04190	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aroclor-1248	0.00000	0.04190	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aroclor-1254	0.00000	0.04190	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aroclor-1260	0.00000	0.04190	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aroclor-1268	0.00000	0.04190	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Arsenic	0.00000	8.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Barium	8.90000	0.25400	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Benzene	0.00000	0.00635	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Benzo(a)anthracene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Benzo(a)pyrene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Benzo(b)fluoranthene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Benzo(k)fluoranthene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Chromium	2.54000	0.88899	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Chrysene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Copper	1.27000	0.63499	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Dibenzo(a,h)anthracene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Indeno(1,2,3-cd)pyrene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Iron	1260.00000	2.03000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Lead	6.35000	3.81000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Manganese	7.62000	6.35000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Mercury	0.00000	0.31799	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	2-Methylnaphthalene	0.00000	1.26000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Nickel	1.27000	0.88899	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Silver	0.00000	0.50800	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Tetrachloroethene	0.00000	0.00635	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Vanadium	2.54000	1.14000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Zinc	36.80000	2.16000	3.0	3.0	0	0	grab	Center of BAC Trace			0	Eco
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Aluminum	462.00000	50.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Antimony	0.00000	15.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Arsenic	0.00000	2.50000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Barium	0.00000	50.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Chromium	0.00000	2.50000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Copper	0.00000	6.20000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Iron	281.00000	25.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Lead	3.50000	0.75000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Manganese	0.00000	3.80000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Mercury	0.62000	0.11999	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Nickel	0.00000	10.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Silver	0.00000	2.50000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Vanadium	0.00000	12.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950219-TT6-2	8/7/1995	TT6-2	soil	861196.06	431430.94	Zinc	0.00000	5.00000	3.5	4.5	0	0	grab	Test Trench 6			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aluminum	563.00000	53.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Antimony	0.00000	16.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aroclor-1016	0.00000	2.20000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aroclor-1248	0.00000	2.20000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aroclor-1254	0.00000	2.20000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aroclor-1260	0.00000	2.20000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aroclor-1268	0.00000	2.20000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Arsenic	0.00000	2.70000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Barium	0.00000	53.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Benzene	0.00000	1.65000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Benzo(a)anthracene	0.62000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Benzo(a)pyrene	0.00000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Benzo(b)fluoranthene	0.00000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Benzo(k)fluoranthene	0.00000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Chromium	3.60000	2.60000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Chrysene	0.58000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Copper	7.40000	6.70000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Dibenzo(a,h)anthracene	0.00000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Indeno(1,2,3-cd)pyrene	0.00000	0.44000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Iron	352.00000	27.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Lead	4.80000	0.80000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Manganese	5.80000	4.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Mercury	0.00000	0.12999	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	2-Methylnaphthalene	33.00000	6.60000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Nickel	0.00000	11.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Silver	0.00000	2.60000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Tetrachloroethene	0.00000	1.65000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Vanadium	0.00000	13.00000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Zinc	0.00000	5.30000	3.5	4.5	0	0	grab	North disposal area			0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Aluminum	3600.00000	46.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Antimony	0.00000	14.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Aroclor-1016	0.00000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Aroclor-1248	0.00000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Aroclor-1254	0.00000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Aroclor-1260	0.00000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Aroclor-1268	1.10000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Arsenic	12.90000	2.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Barium	0.00000	46.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Benzene	0.00000	0.00600	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Benzo(a)anthracene	6.40000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Benzo(a)pyrene	1.70000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Benzo(b)fluoranthene	3.60000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Benzo(k)fluoranthene	0.00000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Chromium	11.50000	2.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Chrysene	2.80000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Copper	25.40000	5.70000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Dibenzo(a,h)anthracene	2.70000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Indeno(1,2,3-cd)pyrene	2.20000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Iron	20300.00000	23.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Lead	334.00000	0.68999	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Manganese	114.00000	3.40000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Mercury	0.84799	0.10999	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	2-Methylnaphthalene	0.00000	0.38000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Nickel	39.90000	9.20000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Silver	0.00000	2.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Tetrachloroethene	0.00000	0.00600	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Vanadium	61.00000	11.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1	8/17/1995	950228-SA1	soil	861376.13	432433.94	Zinc	78.30000	4.60000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Aluminum	3690.00000	46.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Antimony	0.00000	14.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Aroclor-1016	0.00000	0.03800	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Aroclor-1248	0.00000	0.03800	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Aroclor-1254	0.00000	0.03800	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Aroclor-1260	0.00000	0.03800	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Aroclor-1268	0.00000	0.03800	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Arsenic	9.80000	2.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Barium	0.00000	46.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Benzene	0.00000	0.00600	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Benzo(a)anthracene	1.30000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Benzo(a)pyrene	0.00000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Benzo(b)fluoranthene	0.00000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Benzo(k)fluoranthene	0.00000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Chromium	10.40000	2.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Chrysene	0.67000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Copper	39.20000	5.80000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Indeno(1,2,3-cd)pyrene	1.70000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Iron	17900.00000	23.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Lead	454.00000	0.69999	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Manganese	88.50000	3.50000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Mercury	0.14499	0.11999	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	2-Methylnaphthalene	0.73000	0.39000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Nickel	21.30000	9.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Silver	0.00000	2.30000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Tetrachloroethene	0.00000	0.00600	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Vanadium	59.10000	12.00000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Zinc	37.50000	4.60000	0.0	1.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Aluminum	3290.00000	44.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Antimony	0.00000	13.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Aroclor-1016	0.00000	0.36000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Aroclor-1248	0.00000	0.36000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Aroclor-1254	0.00000	0.36000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Aroclor-1260	0.00000	0.36000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Aroclor-1268	1.00000	0.36000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Arsenic	8.10000	2.20000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Barium	0.00000	44.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Benzene	0.00000	0.00600	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Benzo(a)anthracene	0.88000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Benzo(k)fluoranthene	0.77000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Chromium	8.50000	2.20000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Chrysene	0.70000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Copper	105.00000	5.50000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Dibenzo(a,h)anthracene	0.51000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Indeno(1,2,3-cd)pyrene	0.66000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Iron	25500.00000	22.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Lead	274.00000	0.66000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Manganese	127.00000	3.30000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Mercury	4.41000	0.10999	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	2-Methylnaphthalene	0.55000	0.37000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Nickel	17.70000	8.80000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Silver	0.00000	2.20000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Tetrachloroethene	0.00000	0.00600	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Vanadium	40.20000	11.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2	8/17/1995	950228-SA2	soil	861436.13	432413.94	Zinc	75.90000	4.40000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Aluminum	2110.00000	46.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Antimony	0.00000	14.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Aroclor-1016	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Aroclor-1248	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Aroclor-1254	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Aroclor-1260	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Aroclor-1268	1.20000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Arsenic	0.00000	2.30000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Barium	0.00000	46.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Benzene	0.00000	0.00600	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Benzo(a)anthracene	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Benzo(a)pyrene	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Benzo(b)fluoranthene	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Benzo(k)fluoranthene	0.46000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Chromium	7.50000	2.30000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Chrysene	0.69000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Copper	14.00000	5.70000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Dibenzo(a,h)anthracene	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Iron	8860.00000	23.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Lead	259.00000	0.68999	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Manganese	65.30000	3.40000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Mercury	1.08000	0.10999	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	2-Methylnaphthalene	0.00000	0.38000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Nickel	0.00000	9.20000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Silver	0.00000	2.30000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Tetrachloroethene	0.00000	0.00600	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Vanadium	13.60000	11.00000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Zinc	85.80000	4.60000	2.0	3.0	0	0	grab	Surficial Anomoly		SAN	0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Aluminum	3680.00000	44.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Antimony	0.00000	13.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Aroclor-1016	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Aroclor-1248	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Aroclor-1254	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Aroclor-1260	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Aroclor-1268	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Arsenic	0.00000	2.20000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Barium	0.00000	44.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Benzene	0.00000	0.00500	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Benzo(a)anthracene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Benzo(a)pyrene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Benzo(b)fluoranthene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Benzo(k)fluoranthene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Chromium	3.20000	2.20000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Chrysene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Copper	0.00000	5.60000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Iron	1000.00000	22.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Lead	10.70000	0.67000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Manganese	4.30000	3.30000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Mercury	0.00000	0.10999	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	2-Methylnaphthalene	0.00000	0.37000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Nickel	0.00000	8.90000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Silver	0.00000	2.20000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Tetrachloroethene	0.00000	0.00500	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Vanadium	0.00000	11.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Zinc	7.30000	4.40000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Aluminum	3070.00000	42.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Antimony	0.00000	13.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Aroclor-1016	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Aroclor-1248	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Aroclor-1254	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Aroclor-1260	0.00000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Aroclor-1268	0.20000	0.11000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Arsenic	0.00000	2.10000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Barium	0.00000	42.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Benzene	0.00000	0.00500	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Benzo(a)pyrene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Benzo(b)fluoranthene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Benzo(k)fluoranthene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Chromium	3.20000	2.10000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Chrysene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Copper	0.00000	5.30000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Iron	1940.00000	21.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Lead	27.80000	0.63999	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Manganese	11.80000	3.20000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Mercury	0.00000	0.10999	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Nickel	0.00000	8.50000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Silver	0.00000	2.10000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Tetrachloroethene	0.00000	0.00500	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Vanadium	0.00000	11.00000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Zinc	30.20000	4.20000	0.0	1.0	0	0	grab	W. Side OST Area			0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Aluminum	3100.00000	51.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Antimony	0.00000	15.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Aroclor-1016	0.00000	0.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Aroclor-1248	0.00000	0.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Aroclor-1254	0.00000	0.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Aroclor-1260	0.70000	0.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Aroclor-1268	1.50000	0.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Arsenic	5.10000	2.60000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Barium	0.00000	51.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Benzo(a)anthracene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Benzo(a)pyrene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Benzo(b)fluoranthene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Benzo(k)fluoranthene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Chromium	6.10000	2.60000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Chrysene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Copper	25.70000	6.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Dibenzo(a,h)anthracene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Iron	5340.00000	26.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Lead	99.70000	0.76999	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Manganese	33.90000	3.80000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Mercury	1.32000	0.11999	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	2-Methylnaphthalene	0.00000	0.43000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Nickel	16.10000	10.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Silver	0.00000	2.60000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Vanadium	29.40000	13.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Zinc	29.50000	5.10000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA3-1	8/29/1995	950241-SA3-1	soil	861464.13	432378.94	Benzene	0.00000	0.00500	0.0	1.0	0	0	Grab	GRAB@PT.A(SA3,4)		SAN	0	Pac
950241-SA3-1	8/29/1995	950241-SA3-1	soil	861464.13	432378.94	Tetrachloroethene	0.00000	0.00500	0.0	1.0	0	0	Grab	GRAB@PT.A(SA3,4)		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aluminum	1500.00000	55.00000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Antimony	0.00000	16.00000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aroclor-1016	0.00000	0.04500	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aroclor-1248	0.00000	0.04500	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aroclor-1254	0.00000	0.04500	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aroclor-1260	0.00000	0.04500	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aroclor-1268	0.00000	0.04500	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Arsenic	0.00000	2.70000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Barium	0.00000	55.00000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Benzo(a)anthracene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Benzo(a)pyrene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Benzo(b)fluoranthene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Benzo(k)fluoranthene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Chromium	0.00000	2.70000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Chrysene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Copper	0.00000	6.80000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Dibenzo(a,h)anthracene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Indeno(1,2,3-cd)pyrene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Iron	1090.00000	27.00000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Lead	4.40000	0.81999	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Manganese	5.00000	4.10000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Mercury	0.00000	0.14000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	2-Methylnaphthalene	0.00000	0.46000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Nickel	0.00000	11.00000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Silver	0.00000	2.70000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Vanadium	0.00000	14.00000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Zinc	0.00000	5.50000	2.0	3.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac
950241-SA4-1	8/29/1995	950241-SA4-1	soil	861464.13	432378.94	Benzene	0.00000	0.00600	2.0	3.0	0	0	Grab	GRAB@PT.A(SA3,4)		SAN	0	Pac
950241-SA4-1	8/29/1995	950241-SA4-1	soil	861464.13	432378.94	Tetrachloroethene	0.00000	0.00600	2.0	3.0	0	0	Grab	GRAB@PT.A(SA3,4)		SAN	0	Pac
950242-SA10-1	8/30/1995	950242-SA10-1	soil	861544.13	432552.94	Benzene	0.00000	0.00700	2.0	3.0	0	0	Grab	GRAB@PT.(SA9,10)		SAN	0	Pac
950242-SA10-1	8/30/1995	950242-SA10-1	soil	861544.13	432552.94	Tetrachloroethene	0.00000	0.00700	2.0	3.0	0	0	Grab	GRAB@PT.(SA9,10)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Aluminum	3260.00000	44.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Antimony	0.00000	13.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Aroclor-1016	0.00000	0.36000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Aroclor-1248	0.00000	0.36000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Aroclor-1254	0.00000	0.36000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Aroclor-1260	0.00000	0.36000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Aroclor-1268	0.46000	0.36000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Arsenic	3.50000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Barium	0.00000	44.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Benzo(a)anthracene	1.60000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Benzo(a)pyrene	0.80000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Benzo(b)fluoranthene	1.02000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Benzo(k)fluoranthene	0.00000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Chromium	6.20000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Chrysene	1.24000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Copper	156.00000	5.50000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Dibenzo(a,h)anthracene	0.00000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Indeno(1,2,3-cd)pyrene	0.00000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Iron	8830.00000	22.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Lead	380.00000	0.66000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Manganese	69.80000	3.30000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Mercury	2.02000	0.10999	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	2-Methylnaphthalene	0.00000	0.73000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Nickel	14.60000	8.80000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Silver	0.00000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Vanadium	22.50000	11.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Zinc	79.70000	4.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA5-1	8/30/1995	950242-SA5-1	soil	861440.13	432492.94	Benzene	0.00000	0.00600	0.0	1.0	0	0	Grab	GRAB@PT.A(SA5)		SAN	0	Pac
950242-SA5-1	8/30/1995	950242-SA5-1	soil	861440.13	432492.94	Tetrachloroethene	0.00000	0.00600	0.0	1.0	0	0	Grab	GRAB@PT.A(SA5)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Aluminum	21900.00000	45.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Antimony	0.00000	13.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Aroclor-1016	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Aroclor-1248	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Aroclor-1254	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Aroclor-1260	1.50000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Aroclor-1268	2.20000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Arsenic	0.00000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Barium	0.00000	45.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Benzo(a)anthracene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Benzo(a)pyrene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Benzo(b)fluoranthene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Benzo(k)fluoranthene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Chromium	4.00000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Chrysene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Copper	24.30000	5.60000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Dibenzo(a,h)anthracene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Indeno(1,2,3-cd)pyrene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Iron	32.70000	22.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Lead	129.00000	0.67000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Manganese	27.60000	3.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Mercury	2.39000	0.10999	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	2-Methylnaphthalene	0.00000	0.46000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Nickel	10.30000	9.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Silver	0.00000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Vanadium	19.10000	11.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Zinc	125.00000	4.50000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA6-1	8/30/1995	950242-SA6-1	soil	861510.13	432469.94	Benzene	0.00000	0.00600	0.0	1.0	0	0	Grab	GRAB@PT.(SA6,7)		SAN	0	Pac
950242-SA6-1	8/30/1995	950242-SA6-1	soil	861510.13	432469.94	Tetrachloroethene	0.00000	0.00600	0.0	1.0	0	0	Grab	GRAB@PT.(SA6,7)		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Aluminum	4110.00000	56.00000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Antimony	0.00000	17.00000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Aroclor-1016	0.00000	0.04600	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Aroclor-1248	0.00000	0.04600	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Aroclor-1254	0.00000	0.04600	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Aroclor-1260	0.00000	0.04600	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Aroclor-1268	0.11000	0.04600	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Arsenic	0.00000	2.80000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Barium	0.00000	56.00000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Chromium	3.40000	2.80000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Chrysene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Copper	0.00000	6.90000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Iron	2180.00000	28.00000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Lead	3.80000	0.82999	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Manganese	54.00000	4.20000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Mercury	0.26199	0.14000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Nickel	0.00000	11.00000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Silver	0.00000	2.80000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Vanadium	0.00000	14.00000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Zinc	13.70000	5.60000	2.0	3.0	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac
950242-SA7-1	8/30/1995	950242-SA7-1	soil	861510.13	432469.94	Benzene	0.00000	0.00600	2.0	3.0	0	0	Grab	GRAB@PT.(SA6,7)		SAN	0	Pac
950242-SA7-1	8/30/1995	950242-SA7-1	soil	861510.13	432469.94	Tetrachloroethene	0.00000	0.00600	2.0	3.0	0	0	Grab	GRAB@PT.(SA6,7)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Aluminum	3320.00000	44.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Antimony	0.00000	13.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Aroclor-1016	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Aroclor-1248	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Aroclor-1254	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Aroclor-1260	1.20000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Aroclor-1268	1.30000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Arsenic	2.50000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Barium	0.00000	44.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Benzo(a)anthracene	0.85000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Benzo(a)pyrene	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Benzo(b)fluoranthene	2.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Benzo(k)fluoranthene	0.48000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Chromium	11.00000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Chrysene	0.70000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Copper	66.20000	5.60000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Iron	8950.00000	22.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Lead	269.00000	0.67000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Manganese	81.30000	3.30000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Mercury	2.76000	0.10999	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	2-Methylnaphthalene	0.00000	0.37000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Nickel	10.10000	8.90000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Silver	0.00000	2.20000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Vanadium	17.80000	11.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8	8/30/1995	950242-SA8	soil	861498.13	432615.94	Zinc	129.00000	4.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA8-1	8/30/1995	950242-SA8-1	soil	861486.13	432581.94	Benzene	0.00000	0.00500	0.0	1.0	0	0	Grab	GRAB@PT.(SA8)		SAN	0	Pac
950242-SA8-1	8/30/1995	950242-SA8-1	soil	861486.13	432581.94	Tetrachloroethene	0.00000	0.00500	0.0	1.0	0	0	Grab	GRAB@PT.(SA8)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Aluminum	2700.00000	45.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Antimony	0.00000	14.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Aroclor-1016	0.00000	0.03700	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Aroclor-1248	0.00000	0.03700	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Aroclor-1254	0.00000	0.03700	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Aroclor-1260	0.14000	0.03700	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Aroclor-1268	0.30000	0.03700	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Arsenic	0.00000	2.30000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Barium	0.00000	45.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Benzo(a)anthracene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Benzo(a)pyrene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Benzo(b)fluoranthene	0.57000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Benzo(k)fluoranthene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Chromium	6.50000	2.30000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Chrysene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Copper	26.00000	5.70000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Dibenzo(a,h)anthracene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Iron	11600.00000	23.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Lead	256.00000	0.68000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Manganese	42.50000	3.40000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Mercury	1.77000	0.10999	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	2-Methylnaphthalene	0.00000	0.38000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Nickel	12.10000	9.10000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Silver	0.00000	2.30000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Vanadium	14.50000	11.00000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Zinc	48.20000	4.50000	0.0	1.0	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac
950242-SA9-1	8/30/1995	950242-SA9-1	soil	861544.13	432552.94	Benzene	0.00000	0.00600	0.0	1.0	0	0	Grab	GRAB@PT.(SA9,10)		SAN	0	Pac
950242-SA9-1	8/30/1995	950242-SA9-1	soil	861544.13	432552.94	Tetrachloroethene	0.00000	0.00600	0.0	1.0	0	0	Grab	GRAB@PT.(SA9,10)		SAN	0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Aluminum	30200.00000	98.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Antimony	0.00000	29.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Aroclor-1016	0.00000	0.79000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Aroclor-1248	0.00000	0.79000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Aroclor-1254	0.00000	0.79000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Aroclor-1260	0.00000	0.79000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Aroclor-1268	13.00000	0.79000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Arsenic	15.70000	4.90000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Barium	0.00000	98.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Benzene	0.00000	0.02400	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Benzo(a)anthracene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Benzo(a)pyrene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Benzo(b)fluoranthene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Benzo(k)fluoranthene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Chromium	50.00000	4.90000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Chrysene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Copper	31.50000	12.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Dibenzo(a,h)anthracene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Indeno(1,2,3-cd)pyrene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Iron	35900.00000	49.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Lead	156.00000	1.50000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Manganese	481.00000	7.30000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Mercury	2.90000	0.23999	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	2-Methylnaphthalene	0.00000	0.78000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Nickel	26.20000	20.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Silver	0.00000	4.90000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Tetrachloroethene	0.00000	0.02400	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Vanadium	79.80000	24.00000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Zinc	125.00000	9.80000	4.5	5.5	1	0	comp	Post Excavation (Bottom Clay)			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aluminum	6710.00000	133.00000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Antimony	0.00000	40.00000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aroclor-1016	0.00000	0.11000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aroclor-1248	0.00000	0.11000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aroclor-1254	0.00000	0.11000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aroclor-1260	0.00000	0.11000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aroclor-1268	0.00000	0.11000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Arsenic	13.30000	6.67000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Barium	0.00000	133.00000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Benzene	0.00000	0.03299	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Benzo(a)anthracene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Benzo(a)pyrene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Benzo(b)fluoranthene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Benzo(k)fluoranthene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Chromium	18.00000	6.67000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Chrysene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Copper	0.00000	16.70000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Dibenzo(a,h)anthracene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Indeno(1,2,3-cd)pyrene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Iron	12800.00000	66.60000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Lead	11.70000	2.00000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Manganese	133.00000	10.00000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Mercury	0.00000	0.33000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	2-Methylnaphthalene	0.00000	1.10000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Nickel	0.00000	26.70000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Silver	0.00000	6.67000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Tetrachloroethene	0.00000	0.03299	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Vanadium	0.00000	33.30000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Zinc	22.10000	13.30000	2.5	3.5	1	0	comp	Post Excavation Bottom 2-pt			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Aluminum	24500.00000	100.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Antimony	0.00000	30.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Aroclor-1016	0.00000	0.08200	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Aroclor-1248	0.00000	0.08200	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Aroclor-1254	0.00000	0.08200	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Aroclor-1260	0.00000	0.08200	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Aroclor-1268	0.06700	0.08200	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Arsenic	10.00000	5.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Barium	0.00000	100.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Benzene	0.00000	0.02500	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Benzo(a)anthracene	2.60000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Benzo(a)pyrene	2.00000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Benzo(b)fluoranthene	1.20000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Benzo(k)fluoranthene	0.32000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Chromium	44.00000	5.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Chrysene	3.30000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Copper	13.50000	12.50000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Dibenzo(a,h)anthracene	1.10000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Indeno(1,2,3-cd)pyrene	0.95000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Iron	29700.00000	50.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Lead	164.00000	1.50000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Manganese	314.00000	7.50000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Mercury	0.00000	0.25000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	2-Methylnaphthalene	0.00000	0.82000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Nickel	0.00000	20.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Silver	0.00000	5.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Tetrachloroethene	0.00000	0.02500	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Vanadium	67.90000	25.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
950334-02	11/30/1995	950334-02	soil	861266.19	431944.56	Zinc	77.70000	10.00000	4.5	5.0	1	0	comp	FFDA Post excavation 2-pt bottom clay			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Aluminum	1790.00000	50.60000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Antimony	0.00000	15.20000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Aroclor-1016	0.00000	0.04300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Aroclor-1248	0.00000	0.04300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Aroclor-1254	0.00000	0.04300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Aroclor-1260	0.00000	0.04300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Aroclor-1268	0.01800	0.04300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Arsenic	0.00000	2.53000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Barium	0.00000	50.60000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Benzene	0.00000	0.06300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Benzo(a)anthracene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Benzo(a)pyrene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Benzo(b)fluoranthene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Benzo(k)fluoranthene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Chromium	3.40000	2.53000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Chrysene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Copper	0.00000	6.32000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Dibenzo(a,h)anthracene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Iron	1280.00000	25.30000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Lead	9.90000	0.75999	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Manganese	12.90000	3.80000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Mercury	0.00000	0.12600	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	2-Methylnaphthalene	0.00000	0.42000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Nickel	0.00000	10.10000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Silver	0.00000	2.53000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Tetrachloroethene	0.00000	0.06300	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Vanadium	0.00000	12.60000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Zinc	0.00000	5.06000	3.0	5.0	1	0	comp	post excavation 3-pt			0	Pac
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Aroclor-1016	0.00000	4.28000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Aroclor-1248	0.00000	2.14000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Aroclor-1254	0.00000	2.14000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Aroclor-1260	0.00000	2.14000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Aroclor-1268	0.00000	2.14000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Barium	0.00000	107.00000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Benzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Benzo(a)anthracene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Benzo(a)pyrene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Benzo(b)fluoranthene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Benzo(k)fluoranthene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	n-Butylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	sec-Butylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Chrysene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Dibenzo(a,h)anthracene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Isopropylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	p-Isopropyltoluene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Lead	0.00000	10.70000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Mercury	0.69999	0.54000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	n-Propylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Tetrachloroethene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	1,2,4-Trimethylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	1,3,5-Trimethylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Aroclor-1016	0.00000	5.68000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Aroclor-1248	0.00000	2.84000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Aroclor-1254	0.00000	2.84000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Aroclor-1260	0.00000	2.84000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Aroclor-1268	0.00000	2.84000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Barium	0.00000	142.00000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Benzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Benzo(a)anthracene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Benzo(a)pyrene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Benzo(b)fluoranthene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Benzo(k)fluoranthene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	n-Butylbenzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	sec-Butylbenzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Chrysene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Dibenzo(a,h)anthracene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Isopropylbenzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	p-Isopropyltoluene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Lead	0.00000	14.20000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Mercury	0.00000	0.70999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	n-Propylbenzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Tetrachloroethene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	1,2,4-Trimethylbenzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	1,3,5-Trimethylbenzene	0.00000	0.07000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Aroclor-1016	0.00000	4.53000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Aroclor-1248	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Aroclor-1254	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Aroclor-1260	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Aroclor-1268	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Barium	0.00000	113.00000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Benzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Benzo(a)anthracene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Benzo(a)pyrene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Benzo(b)fluoranthene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Benzo(k)fluoranthene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	n-Butylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	sec-Butylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Chrysene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Dibenzo(a,h)anthracene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Isopropylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	p-Isopropyltoluene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Lead	0.00000	11.30000	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Mercury	1.70000	0.56999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	n-Propylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Tetrachloroethene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	1,2,4-Trimethylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	1,3,5-Trimethylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom clinker 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Aroclor-1016	0.00000	5.05000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Aroclor-1248	0.00000	2.53000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Aroclor-1254	0.00000	2.53000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Aroclor-1260	0.00000	2.53000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Aroclor-1268	0.00000	2.53000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Barium	0.00000	126.00000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Benzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Benzo(a)anthracene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Benzo(a)pyrene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Benzo(b)fluoranthene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Benzo(k)fluoranthene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	n-Butylbenzene	17.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	sec-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Chrysene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Dibenzo(a,h)anthracene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Indeno(1,2,3-cd)pyrene	0.00000	1.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Isopropylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	p-Isopropyltoluene	6.60000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Lead	538.00000	12.60000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Mercury	0.00000	0.62999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	n-Propylbenzene	9.10000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Tetrachloroethene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	1,2,4-Trimethylbenzene	8.30000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	1,3,5-Trimethylbenzene	14.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Aroclor-1016	0.00000	4.37000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Aroclor-1248	0.00000	2.19000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Aroclor-1254	0.00000	2.19000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Aroclor-1260	0.00000	2.19000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Aroclor-1268	0.00000	2.19000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Barium	0.00000	109.00000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Benzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Benzo(a)anthracene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Benzo(a)pyrene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Benzo(b)fluoranthene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Benzo(k)fluoranthene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	n-Butylbenzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	sec-Butylbenzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Chrysene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Isopropylbenzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	p-Isopropyltoluene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Lead	111.00000	10.90000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Mercury	0.00000	0.55000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	n-Propylbenzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Tetrachloroethene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	1,2,4-Trimethylbenzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	1,3,5-Trimethylbenzene	0.00000	0.05000	2.0	2.5	1	0	comp	post excavation bottom 2-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Aroclor-1016	0.00000	4.46000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Aroclor-1248	0.00000	2.23000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Aroclor-1254	0.00000	2.23000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Aroclor-1260	0.00000	2.23000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Aroclor-1268	0.00000	2.23000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Barium	0.00000	112.00000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Benzo(a)anthracene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Benzo(a)pyrene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Benzo(b)fluoranthene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Benzo(k)fluoranthene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Chrysene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Lead	0.00000	11.20000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Mercury	0.00000	0.56000	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Aroclor-1016	0.00000	4.80000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Aroclor-1248	0.00000	2.40000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Aroclor-1254	0.00000	2.40000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Aroclor-1260	0.00000	2.40000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Aroclor-1268	0.00000	2.40000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Barium	0.00000	120.00000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Benzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Benzo(a)anthracene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Benzo(a)pyrene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Benzo(b)fluoranthene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Benzo(k)fluoranthene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	n-Butylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	sec-Butylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Chrysene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Isopropylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	p-Isopropyltoluene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Lead	0.00000	12.00000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Mercury	0.00000	0.60000	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	n-Propylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Tetrachloroethene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Aroclor-1016	0.00000	4.77000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Aroclor-1248	0.00000	2.39000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Aroclor-1254	0.00000	2.39000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Aroclor-1260	0.00000	2.39000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Aroclor-1268	0.00000	2.39000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Barium	0.00000	119.00000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Benzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	n-Butylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Chrysene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Isopropylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Lead	0.00000	11.90000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Mercury	0.00000	0.60000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	n-Propylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Tetrachloroethene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Aroclor-1016	0.00000	4.87000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Aroclor-1248	0.00000	2.44000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Aroclor-1254	0.00000	2.44000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Aroclor-1260	0.00000	2.44000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Aroclor-1268	0.00000	2.44000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Barium	0.00000	122.00000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Benzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Benzo(a)anthracene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Benzo(a)pyrene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Benzo(b)fluoranthene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Benzo(k)fluoranthene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	n-Butylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	sec-Butylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Chrysene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Dibenzo(a,h)anthracene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Isopropylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	p-Isopropyltoluene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Lead	0.00000	12.20000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Mercury	0.00000	0.61000	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	n-Propylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Tetrachloroethene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excaation bottom 5-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Aroclor-1016	0.00000	4.94000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Aroclor-1248	0.00000	2.47000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Aroclor-1254	0.00000	2.47000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Aroclor-1260	0.00000	2.47000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Aroclor-1268	0.00000	2.47000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Barium	0.00000	124.00000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Benzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Benzo(a)anthracene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Benzo(a)pyrene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Benzo(b)fluoranthene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Benzo(k)fluoranthene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	n-Butylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Chrysene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Isopropylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Lead	0.00000	12.40000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Mercury	0.89999	0.62000	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	n-Propylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Tetrachloroethene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Aroclor-1016	0.00000	4.54000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Aroclor-1248	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Aroclor-1254	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Aroclor-1260	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Aroclor-1268	0.00000	2.27000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Barium	0.00000	114.00000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Benzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Benzo(a)anthracene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Benzo(a)pyrene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Benzo(b)fluoranthene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Benzo(k)fluoranthene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	n-Butylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	sec-Butylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Chrysene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Dibenzo(a,h)anthracene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Isopropylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	p-Isopropyltoluene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Lead	42.00000	11.40000	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Mercury	0.00000	0.56999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	n-Propylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Tetrachloroethene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	1,2,4-Trimethylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	1,3,5-Trimethylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Aroclor-1016	0.00000	4.14000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Aroclor-1248	0.00000	2.07000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Aroclor-1254	0.00000	2.07000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Aroclor-1260	0.00000	2.07000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Aroclor-1268	0.00000	2.07000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Barium	0.00000	51.80000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Lead	13.90000	10.40000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Mercury	1.29000	0.51999	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Aroclor-1016	0.00000	4.19000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Aroclor-1248	0.00000	2.10000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Aroclor-1254	0.00000	2.10000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Aroclor-1260	0.00000	2.10000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Aroclor-1268	4.40000	2.10000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Barium	0.00000	52.40000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Benzo(a)anthracene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Benzo(a)pyrene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Benzo(b)fluoranthene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Benzo(k)fluoranthene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Chrysene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Dibenzo(a,h)anthracene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Lead	24.10000	10.50000	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Mercury	1.52000	0.51999	1.5	2.0	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Aroclor-1016	0.00000	4.26000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Aroclor-1248	0.00000	2.13000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Aroclor-1254	0.00000	2.13000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Aroclor-1260	0.00000	2.13000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Aroclor-1268	3.00000	2.13000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Barium	0.00000	53.20000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Lead	196.00000	10.60000	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-05	7/8/1996	96190-05	soil	861053.13	431083.91	Mercury	3.99000	0.52999	0.0	0.1	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Aroclor-1016	0.00000	4.46000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Aroclor-1248	0.00000	2.23000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Aroclor-1254	0.00000	2.23000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Aroclor-1260	0.00000	2.23000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Aroclor-1268	0.00000	2.23000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Barium	0.00000	55.80000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Lead	166.00000	11.20000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Mercury	2.02000	0.56000	1.0	1.5	0	0	grab	berm west of brine mud impoundments			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Aroclor-1016	0.00000	4.27000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Aroclor-1248	0.00000	2.13000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Aroclor-1254	0.00000	2.13000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Aroclor-1260	0.00000	2.13000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Aroclor-1268	0.00000	2.13000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Barium	0.00000	53.40000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Benzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Benzo(a)anthracene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Benzo(a)pyrene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Benzo(b)fluoranthene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Benzo(k)fluoranthene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	n-Butylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	sec-Butylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Chrysene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Dibenzo(a,h)anthracene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Isopropylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	p-Isopropyltoluene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Lead	0.00000	10.70000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Mercury	0.74000	0.52999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	n-Propylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Tetrachloroethene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Aroclor-1016	0.00000	4.49000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Aroclor-1248	0.00000	2.25000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Aroclor-1254	0.00000	2.25000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Aroclor-1260	0.00000	2.25000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Aroclor-1268	0.00000	2.25000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Barium	0.00000	56.20000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Benzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Benzo(a)anthracene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Benzo(a)pyrene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Benzo(b)fluoranthene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Benzo(k)fluoranthene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	n-Butylbenzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	sec-Butylbenzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Chrysene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Isopropylbenzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	p-Isopropyltoluene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Lead	0.00000	11.20000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Mercury	1.10000	0.56000	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	n-Propylbenzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Tetrachloroethene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Aroclor-1016	0.00000	2.44000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Aroclor-1248	0.00000	2.44000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Aroclor-1254	0.00000	2.44000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Aroclor-1260	0.00000	2.44000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Aroclor-1268	0.00000	2.44000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Barium	0.00000	60.90000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Benzo(a)anthracene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Benzo(a)pyrene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Benzo(b)fluoranthene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Benzo(k)fluoranthene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Chrysene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Dibenzo(a,h)anthracene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Lead	0.00000	12.20000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Mercury	2.04000	0.61000	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Aroclor-1016	0.00000	2.20000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Aroclor-1248	0.00000	2.20000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Aroclor-1254	0.00000	2.20000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Aroclor-1260	0.00000	2.20000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Aroclor-1268	0.00000	2.20000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Barium	0.00000	54.90000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Benzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Benzo(a)anthracene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Benzo(a)pyrene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Benzo(k)fluoranthene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	n-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Chrysene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Isopropylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Lead	0.00000	11.00000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Mercury	0.68000	0.55000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	n-Propylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Tetrachloroethene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Aroclor-1016	0.00000	4.51000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Aroclor-1248	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Aroclor-1254	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Aroclor-1260	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Aroclor-1268	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Barium	73.20000	56.40000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Benzo(a)anthracene	2.04000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	sec-Butylbenzene	0.07999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Chrysene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Lead	175.00000	11.30000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Mercury	1.05000	0.56000	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Aroclor-1016	0.00000	4.65000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Aroclor-1248	0.00000	2.33000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Aroclor-1254	0.00000	2.33000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Aroclor-1260	0.00000	2.33000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Aroclor-1268	0.00000	2.33000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Barium	0.00000	58.10000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Benzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Benzo(a)anthracene	0.00000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Benzo(a)pyrene	0.00000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Benzo(b)fluoranthene	6.58000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Benzo(k)fluoranthene	0.00000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	n-Butylbenzene	2.78000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	sec-Butylbenzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Chrysene	0.00000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Dibenzo(a,h)anthracene	0.00000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Indeno(1,2,3-cd)pyrene	0.00000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Isopropylbenzene	1.79000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	p-Isopropyltoluene	1.92000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Lead	0.00000	11.60000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Mercury	0.99000	0.57999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	2-Methylnaphthalene	15.90000	5.81000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	n-Propylbenzene	0.86000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Tetrachloroethene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	1,2,4-Trimethylbenzene	1.03000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	1,3,5-Trimethylbenzene	0.34000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Aroclor-1016	0.00000	4.51000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Aroclor-1248	0.00000	2.26000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Aroclor-1254	0.00000	2.26000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Aroclor-1260	0.00000	2.26000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Aroclor-1268	0.00000	2.26000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Barium	0.00000	56.40000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Benzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Benzo(a)anthracene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Benzo(a)pyrene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Benzo(b)fluoranthene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Benzo(k)fluoranthene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	n-Butylbenzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	sec-Butylbenzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Chrysene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Isopropylbenzene	0.17000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	p-Isopropyltoluene	0.43000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Lead	130.00000	11.30000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Mercury	8.39000	0.56000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	2-Methylnaphthalene	0.00000	0.34000	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	n-Propylbenzene	0.91000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Tetrachloroethene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	1,2,4-Trimethylbenzene	0.05999	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Aroclor-1016	0.00000	2.49000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Aroclor-1248	0.00000	2.49000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Aroclor-1254	0.00000	2.49000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Aroclor-1260	0.00000	2.49000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Aroclor-1268	0.00000	2.49000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Barium	0.00000	62.20000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Benzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Benzo(a)anthracene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Benzo(a)pyrene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Benzo(b)fluoranthene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Benzo(k)fluoranthene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	n-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	sec-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Chrysene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Dibenzo(a,h)anthracene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Indeno(1,2,3-cd)pyrene	0.00000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Isopropylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	p-Isopropyltoluene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Lead	19.90000	12.40000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Mercury	0.00000	0.62000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	2-Methylnaphthalene	12.40000	1.87000	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	n-Propylbenzene	1.78000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Tetrachloroethene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	1,3,5-Trimethylbenzene	5.73000	0.05999	3.0	4.0	1	0	comp	post excavation east half bottom 4-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Aroclor-1016	0.00000	4.43000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Aroclor-1248	0.00000	2.22000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Aroclor-1254	0.00000	2.22000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Aroclor-1260	0.00000	2.22000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Aroclor-1268	0.00000	2.22000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Barium	0.00000	55.40000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Benzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Benzo(a)anthracene	0.00000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Benzo(a)pyrene	0.00000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Benzo(b)fluoranthene	0.00000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Benzo(k)fluoranthene	0.00000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	n-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	sec-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Chrysene	5.68000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Dibenzo(a,h)anthracene	0.00000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Indeno(1,2,3-cd)pyrene	0.00000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Isopropylbenzene	4.91000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	p-Isopropyltoluene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Lead	427.00000	11.10000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Mercury	0.00000	0.55000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	2-Methylnaphthalene	28.80000	5.54000	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	n-Propylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Tetrachloroethene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavaion north sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Aroclor-1016	0.00000	5.17000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Aroclor-1248	0.00000	2.58000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Aroclor-1254	0.00000	2.58000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Aroclor-1260	0.00000	2.58000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Aroclor-1268	0.00000	2.58000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Barium	0.00000	64.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Benzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Benzo(a)anthracene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Benzo(a)pyrene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Benzo(b)fluoranthene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Benzo(k)fluoranthene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	n-Butylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	sec-Butylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Chrysene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Dibenzo(a,h)anthracene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Indeno(1,2,3-cd)pyrene	0.00000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Isopropylbenzene	3.18000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	p-Isopropyltoluene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Lead	121.00000	12.90000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Mercury	0.00000	0.64999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	2-Methylnaphthalene	4.06000	1.60000	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	n-Propylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Tetrachloroethene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavaion south sidewall 3-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Aroclor-1016	0.00000	2.56000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Aroclor-1248	0.00000	2.56000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Aroclor-1254	0.00000	2.56000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Aroclor-1260	0.00000	2.56000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Aroclor-1268	0.00000	2.56000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Barium	0.00000	63.90000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Benzene	0.00000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Benzo(a)anthracene	1.72000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Benzo(a)pyrene	0.00000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Benzo(b)fluoranthene	0.00000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Benzo(k)fluoranthene	0.00000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	n-Butylbenzene	5.31000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	sec-Butylbenzene	3.60000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Chrysene	0.00000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Dibenzo(a,h)anthracene	0.00000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Indeno(1,2,3-cd)pyrene	0.00000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Isopropylbenzene	0.00000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	p-Isopropyltoluene	0.00000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Lead	156.00000	12.80000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Mercury	1.58000	0.63999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	2-Methylnaphthalene	16.60000	1.60000	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	n-Propylbenzene	0.00000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Tetrachloroethene	0.00000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	1,2,4-Trimethylbenzene	1.30000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	1,3,5-Trimethylbenzene	0.00000	0.12999	2.0	4.0	1	0	comp	post excavation north half bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Aroclor-1016	0.00000	2.00000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Aroclor-1248	0.00000	2.33000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Aroclor-1254	0.00000	2.33000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Aroclor-1260	0.00000	2.33000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Aroclor-1268	0.00000	2.33000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Barium	0.00000	58.20000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Benzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Benzo(a)anthracene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Benzo(a)pyrene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Benzo(b)fluoranthene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Benzo(k)fluoranthene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	n-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	sec-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Chrysene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Dibenzo(a,h)anthracene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Indeno(1,2,3-cd)pyrene	0.00000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Isopropylbenzene	0.14000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	p-Isopropyltoluene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Lead	0.00000	11.60000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Mercury	0.38999	0.57999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	2-Methylnaphthalene	13.40000	1.46000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	n-Propylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Tetrachloroethene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	1,2,4-Trimethylbenzene	0.10999	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Aroclor-1016	0.00000	4.33000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Aroclor-1248	0.00000	2.17000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Aroclor-1254	0.00000	2.17000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Aroclor-1260	0.00000	2.17000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Aroclor-1268	0.00000	2.17000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Barium	0.00000	54.20000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Benzene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Benzo(a)anthracene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Benzo(a)pyrene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Benzo(b)fluoranthene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Benzo(k)fluoranthene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	n-Butylbenzene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	sec-Butylbenzene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Chrysene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Dibenzo(a,h)anthracene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Indeno(1,2,3-cd)pyrene	0.00000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Isopropylbenzene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	p-Isopropyltoluene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Lead	22.20000	10.80000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Mercury	0.00000	0.54000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	2-Methylnaphthalene	7.56000	5.42000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	n-Propylbenzene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Tetrachloroethene	0.00000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	1,2,4-Trimethylbenzene	11.20000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	1,3,5-Trimethylbenzene	8.31000	0.05000	0.0	4.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Aroclor-1016	0.00000	4.24000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Aroclor-1248	0.00000	2.12000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Aroclor-1254	0.00000	2.12000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Aroclor-1260	0.00000	2.12000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Aroclor-1268	0.00000	2.12000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Barium	0.00000	53.00000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Benzo(a)anthracene	1.27000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Benzo(a)pyrene	0.91000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Benzo(b)fluoranthene	0.75000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Benzo(k)fluoranthene	0.00000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Chrysene	1.62000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Dibenzo(a,h)anthracene	0.00000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Lead	154.00000	10.60000	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Mercury	2.42000	0.52999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	2-Methylnaphthalene	0.00000	0.31999	3.3	3.3	1	0	comp	post excavation upper east bottom			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Aroclor-1016	0.00000	4.14000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Aroclor-1248	0.00000	2.07000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Aroclor-1254	0.00000	2.07000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Aroclor-1260	0.00000	2.07000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Aroclor-1268	0.00000	2.07000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Barium	0.00000	51.70000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Benzo(a)anthracene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Benzo(a)pyrene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Benzo(b)fluoranthene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Benzo(k)fluoranthene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Chrysene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Dibenzo(a,h)anthracene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Lead	258.00000	10.30000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Mercury	0.00000	0.51999	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	2-Methylnaphthalene	0.00000	0.31000	0.0	3.3	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Aroclor-1016	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Aroclor-1248	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Aroclor-1254	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Aroclor-1260	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Aroclor-1268	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Barium	0.00000	58.20000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Benzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Benzo(a)anthracene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Benzo(a)pyrene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Benzo(b)fluoranthene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Benzo(k)fluoranthene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	n-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	sec-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Chrysene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Dibenzo(a,h)anthracene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Indeno(1,2,3-cd)pyrene	0.00000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Isopropylbenzene	0.14000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	p-Isopropyltoluene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Lead	48.90000	11.60000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Mercury	1.00000	0.57999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	2-Methylnaphthalene	2.49000	1.46000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	n-Propylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Tetrachloroethene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	1,2,4-Trimethylbenzene	0.10999	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Aroclor-1016	0.00000	2.44000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Aroclor-1248	0.00000	2.44000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Aroclor-1254	0.00000	2.44000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Aroclor-1260	0.00000	2.44000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Aroclor-1268	0.00000	2.44000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Barium	0.00000	60.90000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Benzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Benzo(a)anthracene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Benzo(a)pyrene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Benzo(b)fluoranthene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Benzo(k)fluoranthene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	n-Butylbenzene	0.21999	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	sec-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Chrysene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Isopropylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	p-Isopropyltoluene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Lead	303.00000	12.20000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Mercury	0.31000	0.61000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	2-Methylnaphthalene	0.00000	0.37000	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	n-Propylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Tetrachloroethene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Aroclor-1016	0.00000	2.23000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Aroclor-1248	0.00000	2.23000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Aroclor-1254	0.00000	2.23000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Aroclor-1260	0.00000	2.23000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Aroclor-1268	0.00000	2.23000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Barium	0.00000	55.80000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Benzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Benzo(a)anthracene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Benzo(a)pyrene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Benzo(b)fluoranthene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Benzo(k)fluoranthene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	n-Butylbenzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Chrysene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Dibenzo(a,h)anthracene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Isopropylbenzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	p-Isopropyltoluene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Lead	24.00000	11.20000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Mercury	3.70000	0.56000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	2-Methylnaphthalene	0.00000	0.33000	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	n-Propylbenzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Tetrachloroethene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Benzo(a)anthracene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Benzo(a)pyrene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Benzo(b)fluoranthene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Benzo(k)fluoranthene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Chrysene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Dibenzo(a,h)anthracene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Indeno(1,2,3-cd)pyrene	0.00000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Lead	0.00000	12.20000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	2-Methylnaphthalene	12.20000	6.11000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Benzene	0.00000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Benzo(a)anthracene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Benzo(a)pyrene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Benzo(b)fluoranthene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Benzo(k)fluoranthene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	n-Butylbenzene	7.50000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	sec-Butylbenzene	2.20000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Chrysene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Dibenzo(a,h)anthracene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Indeno(1,2,3-cd)pyrene	0.00000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Isopropylbenzene	0.00000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	p-Isopropyltoluene	0.00000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Lead	297.00000	11.10000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	2-Methylnaphthalene	11.10000	5.53000	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	n-Propylbenzene	1.81000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Tetrachloroethene	0.00000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	1,2,4-Trimethylbenzene	3.50000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	1,3,5-Trimethylbenzene	4.90000	0.10999	1.0	2.0	1	0	comp	post excavation upper bottom 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Benzene	0.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Benzo(a)anthracene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Benzo(a)pyrene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Benzo(b)fluoranthene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Benzo(k)fluoranthene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	n-Butylbenzene	3.30000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	sec-Butylbenzene	4.40000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Chrysene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Dibenzo(a,h)anthracene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Isopropylbenzene	0.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	p-Isopropyltoluene	0.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Lead	119.00000	10.40000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	2-Methylnaphthalene	0.00000	0.31000	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	n-Propylbenzene	3.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Tetrachloroethene	0.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	1,2,4-Trimethylbenzene	0.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	1,3,5-Trimethylbenzene	0.00000	0.10999	0.0	1.5	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Benzo(a)anthracene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Benzo(a)pyrene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Chrysene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Lead	102.00000	10.50000	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	2-Methylnaphthalene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation south sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Benzo(a)anthracene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Benzo(a)pyrene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Benzo(b)fluoranthene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Benzo(k)fluoranthene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Chrysene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Lead	91.80000	10.90000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	2-Methylnaphthalene	0.00000	0.33000	0.0	3.5	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Aroclor-1016	0.00000	2.43000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Aroclor-1248	0.00000	2.43000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Aroclor-1254	0.00000	2.43000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Aroclor-1260	0.00000	2.43000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Aroclor-1268	0.00000	2.43000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Benzo(a)anthracene	0.36000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Benzo(a)pyrene	0.00000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Benzo(b)fluoranthene	0.00000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Benzo(k)fluoranthene	0.00000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Chrysene	0.36000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Lead	137.00000	12.20000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Mercury	29.40000	0.61000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	2-Methylnaphthalene	0.00000	0.36000	2.0	4.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Aroclor-1016	0.00000	2.23000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Aroclor-1248	0.00000	2.23000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Aroclor-1254	0.00000	2.23000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Aroclor-1260	0.00000	2.23000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Aroclor-1268	2.71000	2.23000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Benzo(a)anthracene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Benzo(a)pyrene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Benzo(b)fluoranthene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Benzo(k)fluoranthene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Chrysene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Lead	319.00000	11.10000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Mercury	2.10000	0.56000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	2-Methylnaphthalene	0.00000	0.33000	2.0	3.0	1	0	comp	post excvation bottom 5-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Aroclor-1016	0.00000	2.54000	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Aroclor-1248	0.00000	2.54000	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Aroclor-1254	0.00000	2.54000	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Aroclor-1260	0.00000	2.54000	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Aroclor-1268	23.00000	2.54000	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Benzo(a)anthracene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Benzo(a)pyrene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Benzo(b)fluoranthene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Benzo(k)fluoranthene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Chrysene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Dibenzo(a,h)anthracene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Lead	781.00000	12.70000	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Mercury	1.80000	0.62999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	2-Methylnaphthalene	0.00000	0.37999	0.0	4.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Aroclor-1016	0.00000	2.48000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Aroclor-1248	0.00000	2.48000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Aroclor-1254	0.00000	2.48000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Aroclor-1260	0.00000	2.48000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Aroclor-1268	0.00000	2.48000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Benzo(a)anthracene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Benzo(a)pyrene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Benzo(b)fluoranthene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Benzo(k)fluoranthene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Chrysene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Dibenzo(a,h)anthracene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Indeno(1,2,3-cd)pyrene	0.00000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Lead	0.00000	12.40000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Mercury	0.00000	0.62000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	2-Methylnaphthalene	1.91000	0.74000	3.5	4.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Aroclor-1016	0.00000	2.28000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Aroclor-1248	0.00000	2.28000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Aroclor-1254	0.00000	2.28000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Aroclor-1260	0.00000	2.28000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Aroclor-1268	0.00000	2.28000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Benzo(a)anthracene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Benzo(a)pyrene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Benzo(b)fluoranthene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Benzo(k)fluoranthene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Chrysene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Dibenzo(a,h)anthracene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Indeno(1,2,3-cd)pyrene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Lead	143.00000	11.40000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Mercury	0.73000	0.56999	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	2-Methylnaphthalene	0.00000	6.84000	2.5	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Aroclor-1016	0.00000	2.12000	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Aroclor-1248	0.00000	2.12000	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Aroclor-1254	0.00000	2.12000	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Aroclor-1260	0.00000	2.12000	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Aroclor-1268	0.00000	2.12000	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Benzo(a)anthracene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Benzo(a)pyrene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Benzo(b)fluoranthene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Benzo(k)fluoranthene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Chrysene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Dibenzo(a,h)anthracene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Lead	17.40000	10.60000	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Mercury	1.49000	0.52999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	2-Methylnaphthalene	0.00000	0.31999	2.0	3.5	1	0	comp	post excvation bottom 5-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Aroclor-1016	0.00000	2.07000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Aroclor-1248	0.00000	2.07000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Aroclor-1254	0.00000	2.07000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Aroclor-1260	0.00000	2.07000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Aroclor-1268	0.00000	2.07000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Benzo(a)anthracene	0.70999	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Benzo(a)pyrene	0.00000	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Benzo(b)fluoranthene	0.00000	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Benzo(k)fluoranthene	0.00000	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Chrysene	0.70999	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Dibenzo(a,h)anthracene	0.00000	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Lead	14.50000	10.40000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Mercury	0.68999	0.51999	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	2-Methylnaphthalene	1.06000	0.31000	2.0	3.0	1	0	comp	post excvation bottom 4-pt			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Aroclor-1016	0.00000	2.42000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Aroclor-1248	0.00000	2.42000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Aroclor-1254	0.00000	2.42000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Aroclor-1260	0.00000	2.42000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Aroclor-1268	0.00000	2.42000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Lead	165.00000	12.10000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Mercury	8.91000	0.61000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Aroclor-1016	0.00000	2.53000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Aroclor-1248	0.00000	2.53000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Aroclor-1254	0.00000	2.53000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Aroclor-1260	0.00000	2.53000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Aroclor-1268	0.00000	2.53000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Lead	0.00000	12.70000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Mercury	0.00000	0.62999	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Aroclor-1016	0.00000	2.40000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Aroclor-1248	0.00000	2.40000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Aroclor-1254	0.00000	2.40000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Aroclor-1260	0.00000	2.40000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Aroclor-1268	0.00000	2.40000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Lead	34.70000	12.00000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Mercury	0.00000	0.60000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Aroclor-1016	0.00000	2.41000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Aroclor-1248	0.00000	2.41000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Aroclor-1254	0.00000	2.41000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Aroclor-1260	0.00000	2.41000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Aroclor-1268	0.00000	2.41000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Benzo(a)anthracene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Benzo(a)pyrene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Benzo(b)fluoranthene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Benzo(k)fluoranthene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Chrysene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Lead	0.00000	12.00000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Mercury	0.00000	0.60000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	2-Methylnaphthalene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Aroclor-1016	0.00000	2.56000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Aroclor-1248	0.00000	2.56000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Aroclor-1254	0.00000	2.56000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Aroclor-1260	0.00000	2.56000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Aroclor-1268	0.00000	2.56000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Lead	204.00000	12.80000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Mercury	12.60000	0.63999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Aroclor-1016	0.00000	3.16000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Aroclor-1248	0.00000	3.16000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Aroclor-1254	0.00000	3.16000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Aroclor-1260	0.00000	3.16000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Aroclor-1268	0.00000	3.16000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Lead	74.30000	15.80000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Mercury	0.34999	0.79000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Aroclor-1016	0.00000	2.43000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Aroclor-1248	0.00000	2.43000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Aroclor-1254	0.00000	2.43000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Aroclor-1260	0.00000	2.43000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Aroclor-1268	0.00000	2.43000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Benzo(a)anthracene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Benzo(a)pyrene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Benzo(b)fluoranthene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Benzo(k)fluoranthene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Chrysene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Lead	0.00000	12.10000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Mercury	0.00000	0.61000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	2-Methylnaphthalene	0.00000	0.36000	1.0	2.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Aroclor-1016	0.00000	2.38000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Aroclor-1248	0.00000	2.38000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Aroclor-1254	0.00000	2.38000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Aroclor-1260	0.00000	2.38000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Aroclor-1268	0.00000	2.38000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Lead	0.00000	11.90000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Mercury	0.37000	0.60000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Aroclor-1016	0.00000	2.76000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Aroclor-1248	0.00000	2.76000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Aroclor-1254	0.00000	2.76000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Aroclor-1260	0.00000	2.76000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Aroclor-1268	0.00000	2.76000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Benzo(a)anthracene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Benzo(a)pyrene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Benzo(b)fluoranthene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Benzo(k)fluoranthene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Chrysene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Dibenzo(a,h)anthracene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Lead	61.50000	13.80000	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Mercury	0.52999	0.68999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	2-Methylnaphthalene	0.00000	0.40999	0.0	1.0	0	0	grab	hand auger boring samples south of north removall area			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Aroclor-1016	0.00000	2.53000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Aroclor-1248	0.00000	2.53000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Aroclor-1254	0.00000	2.53000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Aroclor-1260	0.00000	2.53000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Aroclor-1268	240.00000	2.53000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Barium	0.00000	63.30000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Benzo(a)anthracene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Benzo(a)pyrene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Benzo(b)fluoranthene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Benzo(k)fluoranthene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Chrysene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Dibenzo(a,h)anthracene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Lead	323.00000	12.70000	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Mercury	142.00000	0.62999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	2-Methylnaphthalene	0.00000	0.37999	0.0	1.0	2	0	comp	post excavation north sidewall 3-pt			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Aroclor-1016	0.00000	2.31000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Aroclor-1248	0.00000	2.31000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Aroclor-1254	0.00000	2.31000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Aroclor-1260	0.00000	2.31000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Aroclor-1268	0.00000	2.31000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Lead	374.00000	11.60000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Mercury	3.20000	0.57999	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Aroclor-1016	0.00000	2.07000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Aroclor-1248	0.00000	2.07000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Aroclor-1254	0.00000	2.07000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Aroclor-1260	0.00000	2.07000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Aroclor-1268	0.00000	2.07000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Lead	124.00000	10.30000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Mercury	10.30000	0.51999	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Aroclor-1016	0.00000	418.00000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Aroclor-1248	0.00000	418.00000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Aroclor-1254	0.00000	418.00000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Aroclor-1260	0.00000	418.00000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Aroclor-1268	0.00000	418.00000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Lead	198.00000	10.50000	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Mercury	2.78000	0.51999	0.0	0.1	0	0	comp	5-pt composite surface samples from roads at north side of site			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Aroclor-1016	0.00000	2.11000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Aroclor-1248	0.00000	2.11000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Aroclor-1254	0.00000	2.11000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Aroclor-1260	0.00000	2.11000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Aroclor-1268	0.00000	2.11000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Barium	0.00000	52.70000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Lead	60.10000	10.50000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Mercury	1.58000	0.52999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Aroclor-1016	0.00000	2.16000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Aroclor-1248	0.00000	2.16000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Aroclor-1254	0.00000	2.16000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Aroclor-1260	0.00000	2.16000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Aroclor-1268	0.00000	2.16000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Barium	0.00000	54.10000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Benzo(a)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Benzo(a)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Benzo(b)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Benzo(k)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Chrysene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Dibenzo(a,h)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Lead	0.00000	10.80000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Mercury	0.31000	0.54000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	2-Methylnaphthalene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Aroclor-1016	0.00000	2.07000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Aroclor-1248	0.00000	2.07000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Aroclor-1254	0.00000	2.07000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Aroclor-1260	0.00000	2.07000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Aroclor-1268	0.00000	2.07000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Barium	0.00000	51.70000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Benzo(a)anthracene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Benzo(a)pyrene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Benzo(b)fluoranthene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Benzo(k)fluoranthene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Chrysene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Lead	255.00000	10.30000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Mercury	0.46000	0.51999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	2-Methylnaphthalene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Aroclor-1016	0.00000	2.14000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Aroclor-1248	0.00000	2.14000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Aroclor-1254	0.00000	2.14000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Aroclor-1260	0.00000	2.14000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Aroclor-1268	0.00000	2.14000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Barium	0.00000	53.40000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Benzo(a)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Benzo(a)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Benzo(b)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Benzo(k)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Chrysene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Lead	114.00000	10.70000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Mercury	0.20999	0.52999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	2-Methylnaphthalene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Aroclor-1016	0.00000	2.15000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Aroclor-1248	0.00000	2.15000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Aroclor-1254	0.00000	2.15000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Aroclor-1260	0.00000	2.15000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Aroclor-1268	0.00000	2.15000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Barium	0.00000	53.70000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Chrysene	0.33000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Lead	260.00000	10.70000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Mercury	1.21000	0.54000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Aroclor-1016	0.00000	2.15000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Aroclor-1248	0.00000	2.15000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Aroclor-1254	0.00000	2.15000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Aroclor-1260	0.00000	2.15000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Aroclor-1268	0.00000	2.15000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Barium	0.00000	53.60000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Benzo(a)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Benzo(a)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Benzo(b)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Benzo(k)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Chrysene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Lead	0.00000	10.70000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Mercury	0.00000	0.54000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	2-Methylnaphthalene	0.00000	0.31999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Aroclor-1016	0.00000	2.08000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Aroclor-1248	0.00000	2.08000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Aroclor-1254	0.00000	2.08000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Aroclor-1260	0.00000	2.08000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Aroclor-1268	3.11000	2.08000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Barium	0.00000	52.10000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Benzo(a)anthracene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Benzo(a)pyrene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Benzo(b)fluoranthene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Benzo(k)fluoranthene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Chrysene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Lead	309.00000	10.40000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Mercury	3.46000	0.51999	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	2-Methylnaphthalene	0.00000	0.31000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Aroclor-1016	0.00000	2.07000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Aroclor-1248	0.00000	2.07000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Aroclor-1254	0.00000	2.07000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Aroclor-1260	0.00000	2.07000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Aroclor-1268	0.00000	2.07000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Barium	0.00000	51.80000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Benzo(a)anthracene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Benzo(a)pyrene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Benzo(b)fluoranthene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Benzo(k)fluoranthene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Chrysene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Lead	0.00000	10.40000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Mercury	0.00000	0.51999	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	2-Methylnaphthalene	0.00000	0.31000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	Phase IIIC Characterization samples			0	QAL
96214-SRA-47	8/1/1996	96214-SRA-47	soil	861079.25	430804.97	Lead	14.10000	10.50000	0.0	4.0	2	0	comp	post excavation west sidewall 3-pt light brown silty sand			0	QAL
96214-SRA-47	8/1/1996	96214-SRA-47	soil	861079.25	430804.97	Mercury	0.00000	0.51999	0.0	4.0	2	0	comp	post excavation west sidewall 3-pt light brown silty sand			0	QAL
96214-SRA-48	8/1/1996	96214-SRA-48	soil	861086.44	430817.47	Lead	0.00000	10.60000	3.0	4.0	1	0	comp	post excavation bottom 4-pt light brown sand			0	QAL
96214-SRA-48	8/1/1996	96214-SRA-48	soil	861086.44	430817.47	Mercury	4.38000	0.52999	3.0	4.0	1	0	comp	post excavation bottom 4-pt light brown sand			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Benzo(a)anthracene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Benzo(a)pyrene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Benzo(b)fluoranthene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Benzo(k)fluoranthene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Chrysene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Dibenzo(a,h)anthracene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Lead	0.00000	11.80000	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Mercury	0.00000	0.58999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	2-Methylnaphthalene	0.00000	0.34999	3.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Aroclor-1016	0.00000	2.11000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Aroclor-1248	0.00000	2.11000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Aroclor-1254	0.00000	2.11000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Aroclor-1260	0.00000	2.11000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Aroclor-1268	0.00000	2.11000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Barium	0.00000	52.60000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Lead	32.60000	10.50000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Mercury	1.96000	0.52999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Aroclor-1016	0.00000	2.08000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Aroclor-1248	0.00000	2.08000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Aroclor-1254	0.00000	2.08000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Aroclor-1260	0.00000	2.08000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Aroclor-1268	0.00000	2.08000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Barium	0.00000	52.10000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Benzo(a)anthracene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Benzo(a)pyrene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Benzo(b)fluoranthene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Benzo(k)fluoranthene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Chrysene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Dibenzo(a,h)anthracene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Lead	21.80000	10.40000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Mercury	0.50999	0.51999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	2-Methylnaphthalene	0.00000	0.31000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Aroclor-1016	0.00000	2.13000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Aroclor-1248	0.00000	2.13000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Aroclor-1254	0.00000	2.13000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Aroclor-1260	0.00000	2.13000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Aroclor-1268	0.00000	2.13000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Barium	0.00000	53.10000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Lead	310.00000	10.60000	0.0	1.0	0	0	grab	light brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Mercury	1.12000	0.52999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Aroclor-1016	0.00000	2.12000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Aroclor-1248	0.00000	2.12000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Aroclor-1254	0.00000	2.12000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Aroclor-1260	0.00000	2.12000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Aroclor-1268	0.00000	2.12000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Barium	0.00000	53.10000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Benzo(a)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Benzo(a)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Benzo(b)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Benzo(k)fluoranthene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Chrysene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Lead	48.30000	10.60000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Mercury	1.10000	0.52999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	2-Methylnaphthalene	0.00000	0.31999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Aroclor-1016	0.00000	2.08000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Aroclor-1248	0.00000	2.08000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Aroclor-1254	0.00000	2.08000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Aroclor-1260	0.00000	2.08000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Aroclor-1268	0.00000	2.08000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Lead	16.10000	10.40000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Mercury	0.34999	0.51999	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Aroclor-1016	0.00000	2.11000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Aroclor-1248	0.00000	2.11000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Aroclor-1254	0.00000	2.11000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Aroclor-1260	0.00000	2.11000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Aroclor-1268	0.00000	2.11000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Lead	0.00000	10.60000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Mercury	0.00000	0.52999	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	light brown sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Aroclor-1016	0.00000	2.19000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Aroclor-1248	0.00000	2.19000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Aroclor-1254	0.00000	2.19000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Aroclor-1260	0.00000	2.19000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Aroclor-1268	0.00000	2.19000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Lead	21.30000	11.00000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Mercury	0.00000	0.55000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown and gray sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Aroclor-1016	0.00000	2.17000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Aroclor-1248	0.00000	2.17000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Aroclor-1254	0.00000	2.17000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Aroclor-1260	0.00000	2.17000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Aroclor-1268	0.00000	2.17000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Lead	10.80000	10.90000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Mercury	0.00000	0.54000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	brown sand			0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Aroclor-1016	0.00000	2.19000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Aroclor-1248	0.00000	2.19000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Aroclor-1254	0.00000	2.19000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Aroclor-1260	0.00000	2.19000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Aroclor-1268	0.00000	2.19000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Benzo(a)anthracene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Benzo(a)pyrene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Benzo(k)fluoranthene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Chrysene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Lead	404.00000	10.90000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Mercury	0.34999	0.55000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	2-Methylnaphthalene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand		NREA	0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Aroclor-1016	0.00000	2.25000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Aroclor-1248	0.00000	2.25000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Aroclor-1254	0.00000	2.25000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Aroclor-1260	0.00000	2.25000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Aroclor-1268	0.00000	2.25000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Lead	36.50000	11.20000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Mercury	0.00000	0.56000	1.0	1.5	1	0	comp	post excavation bottom 4-pt brown sand			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Aroclor-1016	0.00000	2.05000	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Aroclor-1248	0.00000	2.05000	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Aroclor-1254	0.00000	2.05000	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Aroclor-1260	0.00000	2.05000	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Aroclor-1268	0.00000	2.05000	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Lead	0.00000	10.30000	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-01	8/8/1996	96221-WTR-01	soil	861791.31	432427.91	Mercury	0.00000	0.50999	1.0	2.5	1	0	comp	post excavation 3-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Aroclor-1016	0.00000	2.10000	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Aroclor-1248	0.00000	2.10000	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Aroclor-1254	0.00000	2.10000	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Aroclor-1260	0.00000	2.10000	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Aroclor-1268	0.00000	2.10000	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Lead	0.00000	10.50000	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Mercury	0.00000	0.52999	1.0	3.0	1	0	comp	post excavation 6-pt bottom sample			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Aroclor-1016	0.00000	2.65000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Aroclor-1248	0.00000	2.65000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Aroclor-1254	0.00000	2.65000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Aroclor-1260	0.00000	2.65000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Aroclor-1268	0.00000	2.65000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Benzo(a)anthracene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Benzo(a)pyrene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Benzo(b)fluoranthene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Benzo(k)fluoranthene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Chrysene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Dibenzo(a,h)anthracene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Indeno(1,2,3-cd)pyrene	0.00000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Lead	21.80000	13.30000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Mercury	0.00000	0.66000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	2-Methylnaphthalene	11.60000	3.98000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Aroclor-1016	0.00000	2.74000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Aroclor-1248	0.00000	2.74000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Aroclor-1254	0.00000	2.74000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Aroclor-1260	0.00000	2.74000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Aroclor-1268	0.00000	2.74000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Benzo(a)anthracene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Benzo(a)pyrene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Benzo(b)fluoranthene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Benzo(k)fluoranthene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Chrysene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Dibenzo(a,h)anthracene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Indeno(1,2,3-cd)pyrene	0.00000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Lead	20.50000	13.70000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Mercury	0.00000	0.68000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	2-Methylnaphthalene	6.25000	4.10000	3.0	5.0	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Aroclor-1016	0.00000	2.62000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Aroclor-1248	0.00000	2.62000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Aroclor-1254	0.00000	2.62000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Aroclor-1260	0.00000	2.62000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Aroclor-1268	0.00000	2.62000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Benzo(a)anthracene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Benzo(a)pyrene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Benzo(b)fluoranthene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Benzo(k)fluoranthene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Chrysene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Dibenzo(a,h)anthracene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Indeno(1,2,3-cd)pyrene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Lead	140.00000	13.10000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Mercury	0.00000	0.66000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	2-Methylnaphthalene	0.00000	2.01000	0.0	4.5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Aroclor-1016	0.00000	2.07000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Aroclor-1248	0.00000	2.07000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Aroclor-1254	0.00000	2.07000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Aroclor-1260	0.00000	2.07000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Aroclor-1268	0.00000	2.07000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Benzo(a)anthracene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Benzo(a)pyrene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Benzo(b)fluoranthene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Benzo(k)fluoranthene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Chrysene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Dibenzo(a,h)anthracene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Lead	182.00000	10.30000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Mercury	0.23000	0.51999	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	2-Methylnaphthalene	2.98000	0.31000	4.0	6.0	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Aroclor-1016	0.00000	2.07000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Aroclor-1248	0.00000	2.07000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Aroclor-1254	0.00000	2.07000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Aroclor-1260	0.00000	2.07000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Aroclor-1268	0.00000	2.07000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Benzo(a)anthracene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Benzo(a)pyrene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Benzo(b)fluoranthene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Benzo(k)fluoranthene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Chrysene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Dibenzo(a,h)anthracene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Indeno(1,2,3-cd)pyrene	0.00000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Lead	182.00000	10.30000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Mercury	0.23000	0.51999	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	2-Methylnaphthalene	4.58000	3.10000	0.0	6.0	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Aroclor-1016	0.00000	2.20000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Aroclor-1248	0.00000	2.20000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Aroclor-1254	0.00000	2.20000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Aroclor-1260	0.00000	2.20000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Aroclor-1268	0.00000	2.20000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Lead	994.00000	11.00000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Mercury	1.72000	0.55000	0.0	1.0	0	0	grab	brown to light gray sand		NREA	0	QAL
96227-02	8/14/1996	96227-02	soil	861906.13	432579.94	Lead	131.00000	10.70000	1.0	2.0	0	0	grab	light brown sand		NREA	0	QAL
96227-02	8/14/1996	96227-02	soil	861906.13	432579.94	Mercury	0.00000	0.52999	1.0	2.0	0	0	grab	light brown sand		NREA	0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Aroclor-1016	0.00000	2.16000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Aroclor-1248	0.00000	2.16000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Aroclor-1254	0.00000	2.16000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Aroclor-1260	0.00000	2.16000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Aroclor-1268	0.00000	2.16000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Lead	288.00000	10.80000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Mercury	4.27000	0.54000	0.0	1.0	0	0	grab	brown sand			0	QAL
96227-05	8/14/1996	96227-05	soil	861891.13	432583.94	Lead	0.00000	11.40000	1.0	2.0	0	0	grab	light brown sand		NREA	0	QAL
96227-05	8/14/1996	96227-05	soil	861891.13	432583.94	Mercury	0.31999	0.56999	1.0	2.0	0	0	grab	light brown sand		NREA	0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Aroclor-1016	0.00000	2.53000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Aroclor-1248	0.00000	2.53000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Aroclor-1254	0.00000	2.53000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Aroclor-1260	0.00000	2.53000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Aroclor-1268	0.00000	2.53000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Barium	0.00000	63.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Benzo(a)anthracene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Benzo(a)pyrene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Benzo(b)fluoranthene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Benzo(k)fluoranthene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	sec-Butylbenzene	1.99000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Chrysene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Dibenzo(a,h)anthracene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Indeno(1,2,3-cd)pyrene	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	p-Isopropyltoluene	1.55000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Lead	0.00000	12.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Mercury	0.00000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	2-Methylnaphthalene	4.78000	1.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Aroclor-1016	0.00000	2.55000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Aroclor-1248	0.00000	2.55000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Aroclor-1254	0.00000	2.55000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Aroclor-1260	0.00000	2.55000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Aroclor-1268	0.00000	2.55000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Barium	0.00000	63.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Chrysene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Lead	0.00000	12.80000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Mercury	0.00000	0.63999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Aroclor-1016	0.00000	2.39000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Aroclor-1248	0.00000	2.39000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Aroclor-1254	0.00000	2.39000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Aroclor-1260	0.00000	2.39000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Aroclor-1268	0.00000	2.39000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Barium	0.00000	59.70000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Benzo(a)anthracene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Benzo(a)pyrene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Benzo(b)fluoranthene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Benzo(k)fluoranthene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	n-Butylbenzene	0.40000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Chrysene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Dibenzo(a,h)anthracene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Indeno(1,2,3-cd)pyrene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Lead	0.00000	11.90000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Mercury	0.00000	0.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	2-Methylnaphthalene	0.00000	0.72000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Aroclor-1016	0.00000	2.40000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Aroclor-1248	0.00000	2.40000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Aroclor-1254	0.00000	2.40000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Aroclor-1260	0.00000	2.40000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Aroclor-1268	0.00000	2.40000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Barium	0.00000	60.00000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Benzene	0.00000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Benzo(a)anthracene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Benzo(a)pyrene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Benzo(b)fluoranthene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Benzo(k)fluoranthene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	n-Butylbenzene	17.80000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	sec-Butylbenzene	14.50000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Chrysene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Dibenzo(a,h)anthracene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Indeno(1,2,3-cd)pyrene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Isopropylbenzene	0.00000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	p-Isopropyltoluene	5.50000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Lead	0.00000	12.00000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Mercury	0.00000	0.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	2-Methylnaphthalene	0.00000	3.60000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	n-Propylbenzene	0.00000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Tetrachloroethene	0.00000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	1,2,4-Trimethylbenzene	18.60000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	1,3,5-Trimethylbenzene	4.70000	1.20000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Aroclor-1016	0.00000	2.54000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Aroclor-1248	0.00000	2.54000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Aroclor-1254	0.00000	2.54000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Aroclor-1260	0.00000	2.54000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Aroclor-1268	0.00000	2.54000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Barium	0.00000	63.50000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	n-Butylbenzene	0.15000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	sec-Butylbenzene	0.20999	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Chrysene	0.41999	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Lead	0.00000	12.70000	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Mercury	0.00000	0.63999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	1,2,4-Trimethylbenzene	0.18999	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp	5-pt composite samples			0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Lead	27.20000	10.90000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Benzo(a)anthracene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Benzo(a)pyrene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Benzo(k)fluoranthene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Chrysene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Lead	0.00000	11.00000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	2-Methylnaphthalene	13.10000	0.33000	1.0	2.0	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL
96232-09	8/19/1996	96232-09	soil	861947.13	433062.94	Lead	12.50000	10.90000	0.0	1.0	0	0	grab	light brown sand		NREA	0	QAL
96232-10	8/19/1996	96232-10	soil	861947.13	433062.94	Lead	0.00000	10.70000	1.0	2.0	0	0	grab	tan sand		NREA	0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Aroclor-1016	0.00000	2.15000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Aroclor-1248	0.00000	2.15000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Aroclor-1254	0.00000	2.15000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Aroclor-1260	0.00000	2.15000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Aroclor-1268	0.00000	2.15000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Lead	75.30000	10.80000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Mercury	3.58000	0.54000	0.0	0.1	0	0	comp	light brown loamy sand 5-pt			0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Aroclor-1016	0.00000	2.65000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Aroclor-1248	0.00000	2.65000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Aroclor-1254	0.00000	2.65000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Aroclor-1260	0.00000	2.65000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Aroclor-1268	0.00000	2.65000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Benzo(a)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Benzo(a)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Benzo(b)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Benzo(k)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Chrysene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Lead	15.20000	13.30000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Mercury	0.00000	0.66000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	2-Methylnaphthalene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Aroclor-1016	0.00000	2.55000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Aroclor-1248	0.00000	2.55000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Aroclor-1254	0.00000	2.55000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Aroclor-1260	0.00000	2.55000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Aroclor-1268	0.00000	2.55000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Lead	26.90000	12.80000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Mercury	0.44999	0.63999	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Aroclor-1016	0.00000	2.12000	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Aroclor-1248	0.00000	2.12000	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Aroclor-1254	0.00000	2.12000	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Aroclor-1260	0.00000	2.12000	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Aroclor-1268	0.00000	2.12000	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Lead	27.60000	10.60000	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Mercury	0.00000	0.52999	0.0	1.0	0	0	comp	brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Aroclor-1016	0.00000	2.47000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Aroclor-1248	0.00000	2.47000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Aroclor-1254	0.00000	2.47000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Aroclor-1260	0.00000	2.47000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Aroclor-1268	0.00000	2.47000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Lead	0.00000	12.40000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Mercury	0.00000	0.62000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Aroclor-1016	0.00000	2.19000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Aroclor-1248	0.00000	2.19000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Aroclor-1254	0.00000	2.19000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Aroclor-1260	0.00000	2.19000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Aroclor-1268	0.00000	2.19000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Lead	20.70000	10.90000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Mercury	0.00000	0.55000	0.0	1.0	0	0	comp	tan to brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Aroclor-1016	0.00000	2.59000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Aroclor-1248	0.00000	2.59000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Aroclor-1254	0.00000	2.59000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Aroclor-1260	0.00000	2.59000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Aroclor-1268	0.00000	2.59000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Lead	0.00000	12.90000	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Mercury	0.57999	0.64999	2.0	3.0	0	0	comp	wet brown sand 5-pt			0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Aroclor-1016	0.00000	2.14000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Aroclor-1248	0.00000	2.14000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Aroclor-1254	0.00000	2.14000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Aroclor-1260	0.00000	2.14000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Aroclor-1268	0.00000	2.14000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Lead	27.30000	10.70000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Mercury	0.00000	0.54000	2.0	3.0	0	0	comp	tan, brown, reddish sand 5-pt		NREA	0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Aroclor-1016	0.00000	2.57000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Aroclor-1248	0.00000	2.57000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Aroclor-1254	0.00000	2.57000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Aroclor-1260	0.00000	2.57000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Aroclor-1268	0.00000	2.57000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Barium	0.00000	64.40000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Benzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Benzo(a)anthracene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Benzo(a)pyrene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Benzo(b)fluoranthene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Benzo(k)fluoranthene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	n-Butylbenzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	sec-Butylbenzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Chrysene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Isopropylbenzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	p-Isopropyltoluene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Lead	15.40000	12.90000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Mercury	0.00000	0.63999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	2-Methylnaphthalene	0.00000	0.30000	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	n-Propylbenzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Tetrachloroethene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	4.0	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Aroclor-1016	0.00000	2.07000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Aroclor-1248	0.00000	2.07000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Aroclor-1254	0.00000	2.07000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Aroclor-1260	0.00000	2.07000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Aroclor-1268	0.00000	2.07000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Barium	0.00000	51.70000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Benzo(a)anthracene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Benzo(a)pyrene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Benzo(b)fluoranthene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Benzo(k)fluoranthene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Chrysene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Lead	26.80000	10.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Mercury	0.00000	0.51999	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	2-Methylnaphthalene	0.00000	0.30000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Aroclor-1016	0.00000	2.15000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Aroclor-1248	0.00000	2.15000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Aroclor-1254	0.00000	2.15000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Aroclor-1260	0.00000	2.15000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Aroclor-1268	0.00000	2.15000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Barium	0.00000	53.70000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Benzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Benzo(a)anthracene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Benzo(a)pyrene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Benzo(b)fluoranthene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Benzo(k)fluoranthene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Chrysene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Lead	0.00000	10.70000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Mercury	0.00000	0.54000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	2-Methylnaphthalene	0.00000	0.30000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	0	0	grab	tan sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Aroclor-1016	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Aroclor-1248	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Aroclor-1254	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Aroclor-1260	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Aroclor-1268	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Barium	0.00000	57.30000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Lead	126.00000	11.50000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Mercury	0.56999	0.56999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Aroclor-1016	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Aroclor-1248	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Aroclor-1254	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Aroclor-1260	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Aroclor-1268	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Barium	0.00000	57.70000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Benzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Benzo(a)anthracene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Benzo(a)pyrene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Benzo(b)fluoranthene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Benzo(k)fluoranthene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	n-Butylbenzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	sec-Butylbenzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Chrysene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Isopropylbenzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	p-Isopropyltoluene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Lead	118.00000	11.50000	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Mercury	0.00000	0.57999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	2-Methylnaphthalene	0.00000	0.34999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	n-Propylbenzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Tetrachloroethene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.0	0	0	grab	brown sand			0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Aroclor-1016	0.00000	2.40000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Aroclor-1248	0.00000	2.40000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Aroclor-1254	0.00000	2.40000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Aroclor-1260	0.00000	2.40000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Aroclor-1268	0.00000	2.40000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Barium	0.00000	50.00000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Lead	0.00000	12.00000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Mercury	0.00000	0.60000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan to brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Aroclor-1016	0.00000	2.32000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Aroclor-1248	0.00000	2.32000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Aroclor-1254	0.00000	2.32000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Aroclor-1260	0.00000	2.32000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Aroclor-1268	0.00000	2.32000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Barium	0.00000	50.00000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Chrysene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Isopropylbenzene	0.60000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Lead	0.00000	11.60000	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Mercury	0.00000	0.57999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	n-Propylbenzene	2.30000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	1,2,4-Trimethylbenzene	0.20000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Aroclor-1016	0.00000	2.33000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Aroclor-1248	0.00000	2.33000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Aroclor-1254	0.00000	2.33000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Aroclor-1260	0.00000	2.33000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Aroclor-1268	0.00000	2.33000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Barium	0.00000	50.00000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Chrysene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Lead	0.00000	11.70000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Mercury	1.12000	0.57999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Aroclor-1016	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Aroclor-1248	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Aroclor-1254	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Aroclor-1260	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Aroclor-1268	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Barium	0.00000	50.00000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Lead	55.30000	11.60000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Mercury	5.74000	0.57999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Aroclor-1016	0.00000	2.27000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Aroclor-1248	0.00000	2.27000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Aroclor-1254	0.00000	2.27000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Aroclor-1260	0.00000	2.27000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Aroclor-1268	0.00000	2.27000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Barium	0.00000	50.00000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Chrysene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Lead	0.00000	11.30000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Mercury	1.03000	0.56999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Aroclor-1016	0.00000	2.28000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Aroclor-1248	0.00000	2.28000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Aroclor-1254	0.00000	2.28000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Aroclor-1260	0.00000	2.28000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Aroclor-1268	0.00000	2.28000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Barium	68.40000	50.00000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Lead	426.00000	11.40000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Mercury	14.09000	0.56999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Aroclor-1016	0.00000	2.25000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Aroclor-1248	0.00000	2.25000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Aroclor-1254	0.00000	2.25000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Aroclor-1260	0.00000	2.25000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Aroclor-1268	0.00000	2.25000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Barium	0.00000	50.00000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Chrysene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Lead	0.00000	11.30000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Mercury	0.61000	0.56000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Aroclor-1016	0.00000	2.27000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Aroclor-1248	0.00000	2.27000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Aroclor-1254	0.00000	2.27000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Aroclor-1260	0.00000	2.27000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Aroclor-1268	0.00000	2.27000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Barium	0.00000	50.00000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Benzo(a)anthracene	0.68999	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Benzo(a)pyrene	0.56999	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Benzo(b)fluoranthene	0.55000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Chrysene	1.40000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Lead	42.50000	11.30000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Mercury	3.15000	0.56999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Aroclor-1016	0.00000	2.35000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Aroclor-1248	0.00000	2.35000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Aroclor-1254	0.00000	2.35000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Aroclor-1260	0.00000	2.35000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Aroclor-1268	0.00000	2.35000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Barium	0.00000	50.00000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Chrysene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Lead	0.00000	11.80000	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Mercury	2.08000	0.58999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet brown sand, trace clay		SBC	0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Aroclor-1016	0.00000	2.35000	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Aroclor-1248	0.00000	2.35000	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Aroclor-1254	0.00000	2.35000	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Aroclor-1260	0.00000	2.35000	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Aroclor-1268	0.00000	2.35000	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Benzo(a)anthracene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Benzo(a)pyrene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Benzo(b)fluoranthene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Benzo(k)fluoranthene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Chrysene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Dibenzo(a,h)anthracene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Lead	150.00000	11.80000	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Mercury	0.00000	0.58999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	2-Methylnaphthalene	92.60000	0.34999	2.5	4.5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Aroclor-1016	0.00000	2.13000	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Aroclor-1248	0.00000	2.13000	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Aroclor-1254	0.00000	2.13000	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Aroclor-1260	0.00000	2.13000	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Aroclor-1268	0.00000	2.13000	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Benzo(a)anthracene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Benzo(a)pyrene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Chrysene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Lead	283.00000	10.70000	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Mercury	0.00000	0.52999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	2-Methylnaphthalene	42.56000	0.31999	0.0	4.0	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Aroclor-1016	0.00000	2.25000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Aroclor-1248	0.00000	2.25000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Aroclor-1254	0.00000	2.25000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Aroclor-1260	0.00000	2.25000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Aroclor-1268	0.00000	2.25000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Barium	0.00000	56.40000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Benzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Benzo(a)anthracene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Benzo(a)pyrene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Benzo(b)fluoranthene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Benzo(k)fluoranthene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	n-Butylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	sec-Butylbenzene	0.06700	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Chrysene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Isopropylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Lead	433.00000	11.30000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Mercury	0.76999	0.56000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	2-Methylnaphthalene	0.00000	0.34000	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	n-Propylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Tetrachloroethene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	1,2,4-Trimethylbenzene	0.06400	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Aroclor-1016	0.00000	2.10000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Aroclor-1248	0.00000	2.10000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Aroclor-1254	0.00000	2.10000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Aroclor-1260	0.00000	2.10000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Aroclor-1268	0.00000	2.10000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Lead	150.00000	10.50000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Mercury	0.74000	0.51999	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Aroclor-1016	0.00000	2.13000	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Aroclor-1248	0.00000	2.13000	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Aroclor-1254	0.00000	2.13000	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Aroclor-1260	0.00000	2.13000	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Aroclor-1268	0.00000	2.13000	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Lead	87.10000	10.60000	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Mercury	0.73000	0.52999	1.0	1.5	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Aroclor-1016	0.00000	2.11000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Aroclor-1248	0.00000	2.11000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Aroclor-1254	0.00000	2.11000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Aroclor-1260	0.00000	2.11000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Aroclor-1268	0.00000	2.11000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Lead	64.40000	10.60000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Mercury	0.66000	0.52999	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Aroclor-1016	0.00000	2.28000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Aroclor-1248	0.00000	2.28000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Aroclor-1254	0.00000	2.28000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Aroclor-1260	0.00000	2.28000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Aroclor-1268	0.00000	2.28000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Lead	72.20000	11.40000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Mercury	0.00000	0.56999	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Aroclor-1016	0.00000	2.69000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Aroclor-1248	0.00000	2.69000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Aroclor-1254	0.00000	2.69000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Aroclor-1260	0.00000	2.69000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Aroclor-1268	0.00000	2.69000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Benzo(a)anthracene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Benzo(a)pyrene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Benzo(b)fluoranthene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Benzo(k)fluoranthene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Chrysene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Dibenzo(a,h)anthracene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Indeno(1,2,3-cd)pyrene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Lead	35.60000	13.40000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Mercury	0.00000	0.67000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	2-Methylnaphthalene	0.00000	0.30000	2.0	3.0	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Aroclor-1016	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Aroclor-1248	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Aroclor-1254	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Aroclor-1260	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Aroclor-1268	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Lead	46.60000	10.70000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Mercury	0.50999	0.54000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Aroclor-1016	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Aroclor-1248	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Aroclor-1254	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Aroclor-1260	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Aroclor-1268	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Lead	0.00000	10.80000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Mercury	0.00000	0.54000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Aroclor-1016	0.00000	2.11000	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Aroclor-1248	0.00000	2.11000	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Aroclor-1254	0.00000	2.11000	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Aroclor-1260	7.30000	2.11000	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Aroclor-1268	21.00000	2.11000	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Lead	215.00000	10.50000	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL
96239-09	8/26/1996	96239-09	soil	861800.13	432632.94	Mercury	11.00000	0.52999	0.0	1.0	0	0	grab	tan, trace brown sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Aroclor-1016	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Aroclor-1248	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Aroclor-1254	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Aroclor-1260	0.00000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Aroclor-1268	2.60000	2.17000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Lead	613.00000	10.80000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-10	8/26/1996	96239-10	soil	861800.13	432632.94	Mercury	3.73000	0.54000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Aroclor-1016	0.00000	2.09000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Aroclor-1248	0.00000	2.09000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Aroclor-1254	0.00000	2.09000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Aroclor-1260	0.00000	2.09000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Aroclor-1268	0.00000	2.09000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Lead	0.00000	10.50000	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Mercury	0.00000	0.51999	1.0	2.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Aroclor-1016	0.00000	2.13000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Aroclor-1248	0.00000	2.13000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Aroclor-1254	3.30000	2.13000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Aroclor-1260	0.00000	2.13000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Aroclor-1268	0.00000	2.13000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Lead	45.70000	10.60000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Mercury	0.67000	0.52999	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Aroclor-1016	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Aroclor-1248	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Aroclor-1254	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Aroclor-1260	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Aroclor-1268	0.00000	2.14000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Lead	44.40000	10.70000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Mercury	0.00000	0.54000	0.0	1.0	0	0	grab	tan sand			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Aroclor-1016	0.00000	2.53000	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Aroclor-1248	0.00000	2.53000	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Aroclor-1254	0.00000	2.53000	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Aroclor-1260	0.00000	2.53000	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Aroclor-1268	0.00000	2.53000	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Benzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Benzo(a)anthracene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Benzo(a)pyrene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Benzo(b)fluoranthene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Benzo(k)fluoranthene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	n-Butylbenzene	15.04000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	sec-Butylbenzene	5.42000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Chrysene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Dibenzo(a,h)anthracene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Isopropylbenzene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	p-Isopropyltoluene	4.85000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Lead	36.60000	12.60000	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Mercury	0.00000	0.62999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	2-Methylnaphthalene	25.21000	0.37999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	n-Propylbenzene	1.59000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Tetrachloroethene	0.00000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	1,2,4-Trimethylbenzene	15.71000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	1,3,5-Trimethylbenzene	6.52000	0.05999	2.5	3.5	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Aroclor-1016	0.00000	2.27000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Aroclor-1248	0.00000	2.27000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Aroclor-1254	0.00000	2.27000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Aroclor-1260	0.00000	2.27000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Aroclor-1268	0.00000	2.27000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Benzo(a)anthracene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Benzo(a)pyrene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Benzo(b)fluoranthene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Benzo(k)fluoranthene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Chrysene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Lead	411.00000	11.40000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Mercury	0.00000	0.56999	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	2-Methylnaphthalene	21.31000	0.34000	0.0	3.0	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Aroclor-1016	0.00000	2.14000	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Aroclor-1248	0.00000	2.14000	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Aroclor-1254	0.00000	2.14000	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Aroclor-1260	0.00000	2.14000	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Aroclor-1268	0.00000	2.14000	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Lead	186.00000	10.70000	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Mercury	0.88999	0.52999	2.0	3.0	0	0	grab	brown loamy sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Aroclor-1016	0.00000	2.05000	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Aroclor-1248	0.00000	2.05000	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Aroclor-1254	0.00000	2.05000	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Aroclor-1260	0.00000	2.05000	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Aroclor-1268	0.00000	2.05000	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Lead	377.00000	10.30000	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Mercury	0.00000	0.50999	2.0	3.0	0	0	grab	light brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Aroclor-1016	0.00000	2.09000	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Aroclor-1248	0.00000	2.09000	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Aroclor-1254	0.00000	2.09000	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Aroclor-1260	0.00000	2.09000	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Aroclor-1268	0.00000	2.09000	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Lead	554.00000	10.40000	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Mercury	0.00000	0.51999	2.0	3.0	0	0	grab	brown sand			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Aroclor-1016	0.00000	2.13000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Aroclor-1248	0.00000	2.13000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Aroclor-1254	0.00000	2.13000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Aroclor-1260	0.00000	2.13000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Aroclor-1268	0.00000	2.13000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Benzene	0.00000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Benzo(a)anthracene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Benzo(a)pyrene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Benzo(b)fluoranthene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Benzo(k)fluoranthene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	n-Butylbenzene	13.83000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	sec-Butylbenzene	6.06000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Chrysene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Dibenzo(a,h)anthracene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Isopropylbenzene	0.00000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	p-Isopropyltoluene	0.00000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Lead	0.00000	10.70000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Mercury	0.00000	0.52999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	2-Methylnaphthalene	0.00000	0.31999	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	n-Propylbenzene	2.10000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Tetrachloroethene	0.00000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	1,2,4-Trimethylbenzene	6.67000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	1,3,5-Trimethylbenzene	8.40000	0.05000	3.5	3.5	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Aroclor-1016	0.00000	2.25000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Aroclor-1248	0.00000	2.25000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Aroclor-1254	0.00000	2.25000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Aroclor-1260	0.00000	2.25000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Aroclor-1268	0.00000	2.25000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Benzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Benzo(a)anthracene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Benzo(a)pyrene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Benzo(b)fluoranthene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Benzo(k)fluoranthene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	n-Butylbenzene	5.60000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	sec-Butylbenzene	1.70000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Chrysene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Isopropylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	p-Isopropyltoluene	2.10000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Lead	73.20000	11.30000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Mercury	0.00000	0.56000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	2-Methylnaphthalene	5.02000	0.34000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	n-Propylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Tetrachloroethene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	1,2,4-Trimethylbenzene	2.40000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	1,3,5-Trimethylbenzene	2.80000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Aroclor-1016	0.00000	2.36000	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Aroclor-1248	0.00000	2.36000	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Aroclor-1254	0.00000	2.36000	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Aroclor-1260	0.00000	2.36000	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Aroclor-1268	0.00000	2.36000	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Benzo(a)anthracene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Benzo(a)pyrene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Benzo(b)fluoranthene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Benzo(k)fluoranthene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Chrysene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Dibenzo(a,h)anthracene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Lead	244.00000	11.80000	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Mercury	2.22000	0.58999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	2-Methylnaphthalene	0.00000	0.34999	3.0	4.0	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Aroclor-1016	0.00000	2.59000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Aroclor-1248	0.00000	2.59000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Aroclor-1254	0.00000	2.59000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Aroclor-1260	0.00000	2.59000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Aroclor-1268	0.00000	2.59000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Benzo(a)anthracene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Benzo(a)pyrene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Benzo(b)fluoranthene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Benzo(k)fluoranthene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Chrysene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Dibenzo(a,h)anthracene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Lead	205.00000	12.90000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Mercury	0.00000	0.64999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	2-Methylnaphthalene	6.71000	0.38999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Aroclor-1016	0.00000	2.63000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Aroclor-1248	0.00000	2.63000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Aroclor-1254	0.00000	2.63000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Aroclor-1260	0.00000	2.63000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Aroclor-1268	0.00000	2.63000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Benzo(a)anthracene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Benzo(a)pyrene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Benzo(b)fluoranthene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Benzo(k)fluoranthene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Chrysene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Dibenzo(a,h)anthracene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Lead	13.80000	13.20000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Mercury	0.00000	0.66000	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	2-Methylnaphthalene	20.30000	0.38999	4.0	4.5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL
96241-02	8/28/1996	96241-02	soil	861771.06	431968.94	Lead	540.00000	13.10000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96241-02	8/28/1996	96241-02	soil	861771.06	431968.94	Mercury	0.00000	0.66000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Benzene	0.00000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Benzo(a)anthracene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Benzo(a)pyrene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Benzo(b)fluoranthene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Benzo(k)fluoranthene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	n-Butylbenzene	8.59000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	sec-Butylbenzene	5.28000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Chrysene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Dibenzo(a,h)anthracene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Isopropylbenzene	0.00000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	p-Isopropyltoluene	4.87000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Lead	769.00000	14.40000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Mercury	0.00000	0.72000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	2-Methylnaphthalene	1.93000	0.43000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	n-Propylbenzene	4.19000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Tetrachloroethene	0.00000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	1,2,4-Trimethylbenzene	6.18000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	1,3,5-Trimethylbenzene	7.17000	0.07000	0.0	5.0	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Aroclor-1016	0.00000	3.56000	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Aroclor-1248	0.00000	3.56000	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Aroclor-1254	0.00000	3.56000	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Aroclor-1260	0.00000	3.56000	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Aroclor-1268	0.00000	3.56000	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Lead	832.00000	17.80000	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Mercury	1.23000	0.88999	0.0	1.0	0	0	grab	brown sand, grey flakes			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Aroclor-1016	0.00000	3.55000	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Aroclor-1248	0.00000	3.55000	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Aroclor-1254	0.00000	3.55000	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Aroclor-1260	0.00000	3.55000	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Aroclor-1268	0.00000	3.55000	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Lead	1580.00000	17.70000	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Mercury	2.15000	0.88999	0.0	1.0	0	0	grab	brown sand, organic debris			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Aroclor-1016	0.00000	2.70000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Aroclor-1248	0.00000	2.70000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Aroclor-1254	0.00000	2.70000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Aroclor-1260	0.00000	2.70000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Aroclor-1268	0.00000	2.70000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Lead	922.00000	13.50000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Mercury	0.00000	0.68000	0.0	1.0	0	0	grab	brown sand, petroleum odor			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Aroclor-1016	0.00000	2.45000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Aroclor-1248	0.00000	2.45000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Aroclor-1254	0.00000	2.45000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Aroclor-1260	0.00000	2.45000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Aroclor-1268	0.00000	2.45000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Barium	0.00000	61.20000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Benzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Benzo(a)anthracene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Benzo(a)pyrene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Benzo(b)fluoranthene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Benzo(k)fluoranthene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	n-Butylbenzene	17.20000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	sec-Butylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Chrysene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Isopropylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	p-Isopropyltoluene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Lead	385.00000	12.20000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Mercury	0.00000	0.61000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	2-Methylnaphthalene	17.17000	0.37000	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	n-Propylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Tetrachloroethene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	1,2,4-Trimethylbenzene	22.80000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	1,3,5-Trimethylbenzene	17.30000	0.05999	0.0	3.5	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Aroclor-1016	0.00000	2.65000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Aroclor-1248	0.00000	2.65000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Aroclor-1254	0.00000	2.65000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Aroclor-1260	0.00000	2.65000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Aroclor-1268	0.00000	2.65000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Barium	0.00000	66.20000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Chrysene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Lead	0.00000	13.20000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Mercury	0.00000	0.66000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light grey, wet sand			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Aroclor-1016	0.00000	2.16000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Aroclor-1248	0.00000	2.16000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Aroclor-1254	14.00000	2.16000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Aroclor-1260	0.00000	2.16000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Aroclor-1268	7.60000	2.16000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Barium	0.00000	53.90000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	n-Butylbenzene	0.09000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Chrysene	1.14000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Lead	51.70000	10.80000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Mercury	5.99000	0.54000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	1,2,4-Trimethylbenzene	0.05999	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Aroclor-1016	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Aroclor-1248	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Aroclor-1254	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Aroclor-1260	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Aroclor-1268	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Barium	0.00000	58.50000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	n-Butylbenzene	0.07999	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Chrysene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Isopropylbenzene	0.15999	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	p-Isopropyltoluene	0.17000	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Lead	63.20000	11.70000	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Mercury	9.60000	0.58999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	n-Propylbenzene	0.34999	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	1,2,4-Trimethylbenzene	0.14000	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, moist			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Aroclor-1016	0.00000	2.17000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Aroclor-1248	0.00000	2.17000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Aroclor-1254	4.70000	2.17000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Aroclor-1260	0.00000	2.17000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Aroclor-1268	6.00000	2.17000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Barium	0.00000	54.30000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Lead	223.00000	10.90000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Mercury	9.36000	0.54000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some grey			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Aroclor-1016	0.00000	2.29000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Aroclor-1248	0.00000	2.29000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Aroclor-1254	0.00000	2.29000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Aroclor-1260	0.00000	2.29000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Aroclor-1268	0.00000	2.29000	2.0	3.0	0	0	grab	brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Barium	0.00000	57.30000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Chrysene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Lead	0.00000	11.50000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Mercury	0.00000	0.56999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Aroclor-1016	0.00000	2.15000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Aroclor-1248	0.00000	2.15000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Aroclor-1254	6.10000	2.15000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Aroclor-1260	0.00000	2.15000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Aroclor-1268	3.00000	2.15000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Barium	0.00000	53.80000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Lead	0.00000	10.80000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Mercury	1.69000	0.54000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light brown to grey sand			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Aroclor-1016	0.00000	2.62000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Aroclor-1248	0.00000	2.62000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Aroclor-1254	0.00000	2.62000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Aroclor-1260	0.00000	2.62000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Aroclor-1268	0.00000	2.62000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Barium	0.00000	65.40000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Lead	20.20000	13.10000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	light brown sand with rust colored material, moist			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Aroclor-1016	0.00000	2.27000	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Aroclor-1248	0.00000	2.27000	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Aroclor-1254	0.00000	2.27000	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Aroclor-1260	0.00000	2.27000	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Aroclor-1268	0.00000	2.27000	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Lead	0.00000	11.40000	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Mercury	0.00000	0.56999	1.0	1.0	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Aroclor-1016	0.00000	2.17000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Aroclor-1248	0.00000	2.17000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Aroclor-1254	0.00000	2.17000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Aroclor-1260	0.00000	2.17000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Aroclor-1268	0.00000	2.17000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Lead	284.00000	10.80000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Mercury	0.00000	0.54000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Aroclor-1016	0.00000	2.18000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Aroclor-1248	0.00000	2.18000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Aroclor-1254	0.00000	2.18000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Aroclor-1260	0.00000	2.18000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Aroclor-1268	0.00000	2.18000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Lead	234.00000	10.90000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Mercury	0.92000	0.54000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Benzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Benzo(a)anthracene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Benzo(a)pyrene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Benzo(b)fluoranthene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Benzo(k)fluoranthene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	n-Butylbenzene	3.45000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	sec-Butylbenzene	2.06000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Chrysene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Isopropylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	p-Isopropyltoluene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Lead	205.00000	12.10000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	2-Methylnaphthalene	4.12000	0.36000	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	n-Propylbenzene	1.46000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Tetrachloroethene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	1,2,4-Trimethylbenzene	2.72000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	1,3,5-Trimethylbenzene	2.26000	0.05999	0.0	4.0	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL
96248-04	9/4/1996	96248-04	soil	861974.13	433560.94	Lead	194.00000	12.40000	0.0	1.0	0	0	grab	brown sand with loamy material			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Chrysene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Lead	68.90000	12.70000	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Aroclor-1016	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Aroclor-1248	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Aroclor-1254	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Aroclor-1260	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Aroclor-1268	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Lead	412.00000	11.20000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Mercury	0.80000	0.56000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Aroclor-1016	0.00000	2.31000	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Aroclor-1248	0.00000	2.31000	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Aroclor-1254	0.00000	2.31000	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Aroclor-1260	0.00000	2.31000	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Aroclor-1268	0.00000	2.31000	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Lead	45.00000	11.60000	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Mercury	0.00000	0.57999	1.0	2.0	0	0	grab	grey sand			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Aroclor-1016	0.00000	2.54000	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Aroclor-1248	0.00000	2.54000	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Aroclor-1254	0.00000	2.54000	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Aroclor-1260	0.00000	2.54000	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Aroclor-1268	0.00000	2.54000	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	n-Butylbenzene	50.90000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	sec-Butylbenzene	143.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Chrysene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Isopropylbenzene	105.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	p-Isopropyltoluene	133.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Lead	0.00000	12.70000	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Mercury	0.00000	0.63999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	1,3,5-Trimethylbenzene	31.50000	0.05999	2.0	3.0	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Aroclor-1016	0.00000	2.53000	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Aroclor-1248	0.00000	2.53000	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Aroclor-1254	0.00000	2.53000	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Aroclor-1260	0.00000	2.53000	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Aroclor-1268	0.00000	2.53000	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Lead	197.00000	12.60000	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Mercury	0.00000	0.62999	2.0	3.0	0	0	grab	brown sand, wet			0	QAL
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Aroclor-1016	0.00000	2.56000	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Aroclor-1248	0.00000	2.56000	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Aroclor-1254	0.00000	2.56000	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Aroclor-1260	0.00000	2.56000	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Aroclor-1268	0.00000	2.56000	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Lead	46.10000	12.80000	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Mercury	0.00000	0.63999	2.0	3.0	0	0	grab	tan, wet fine sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Aroclor-1016	0.00000	2.31000	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Aroclor-1248	0.00000	2.31000	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Aroclor-1254	0.00000	2.31000	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Aroclor-1260	0.00000	2.31000	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Aroclor-1268	6.30000	2.31000	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Benzo(a)anthracene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Benzo(a)pyrene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Benzo(b)fluoranthene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Benzo(k)fluoranthene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Chrysene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Lead	44.00000	11.60000	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Mercury	4.24000	0.57999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	2-Methylnaphthalene	0.00000	0.34999	2.5	3.5	0	0	grab	wet brown sand			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Aroclor-1016	0.00000	2.42000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Aroclor-1248	0.00000	2.42000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Aroclor-1254	0.00000	2.42000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Aroclor-1260	0.00000	2.42000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Aroclor-1268	5.80000	2.42000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Lead	0.00000	12.10000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-17	9/5/1996	96249-17	soil	861876.06	431907.94	Mercury	34.30000	0.60000	2.5	3.5	0	0	grab	tan to grey sand, stained, wet			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Aroclor-1016	0.00000	2.22000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Aroclor-1248	0.00000	2.22000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Aroclor-1254	0.00000	2.22000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Aroclor-1260	0.00000	2.22000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Aroclor-1268	0.00000	2.22000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Lead	0.00000	11.10000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Mercury	1.17000	0.55000	2.0	3.0	0	0	grab	light brown stained sand, wet, petroleum odor			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Aroclor-1016	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Aroclor-1248	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Aroclor-1254	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Aroclor-1260	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Aroclor-1268	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Lead	247.00000	13.00000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Aroclor-1016	0.00000	2.61000	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Aroclor-1248	0.00000	2.61000	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Aroclor-1254	0.00000	2.61000	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Aroclor-1260	0.00000	2.61000	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Aroclor-1268	0.00000	2.61000	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Lead	285.00000	13.10000	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	2-Methylnaphthalene	3.30000	0.38999	2.0	3.0	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL
96253-01	9/9/1996	96253-01	soil	861715.06	431121.94	Lead	280.00000	10.90000	0.0	1.0	0	0	grab	Dark brown to grey sand			0	QAL
96253-04	9/9/1996	96253-04	soil	861732.06	431253.94	Lead	494.00000	11.30000	0.0	1.0	0	0	grab	dark to light brown sand			0	QAL
96253-07	9/9/1996	96253-07	soil	861678.06	431123.94	Lead	177.00000	10.90000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96253-10	9/9/1996	96253-10	soil	861697.06	431259.94	Lead	72.20000	11.50000	0.0	1.0	0	0	grab	tan sand			0	QAL
96253-13	9/9/1996	96253-13	soil	861615.06	431313.94	Lead	234.00000	14.10000	0.0	1.0	0	0	grab	brown to tan sand, wet			0	QAL
96253-14	9/9/1996	96253-14	soil	861620.06	431355.94	Lead	547.00000	13.40000	0.0	1.0	0	0	grab	brown to tan sand, wet			0	QAL
96253-15	9/9/1996	96253-15	soil	861660.06	430670.94	Lead	364.00000	11.00000	0.0	1.0	0	0	grab	brown sand			0	QAL
96253-18	9/9/1996	96253-18	soil	861631.06	430726.94	Lead	285.00000	10.80000	0.0	1.0	0	0	grab	tan to brown sand			0	QAL
96253-19	9/9/1996	96253-19	soil	861668.06	430721.94	Lead	307.00000	11.70000	0.0	1.0	0	0	grab	brown sand			0	QAL
96254-01	9/10/1996	96254-01	soil	861671.06	430816.94	Lead	980.00000	10.30000	0.0	1.0	0	0	grab	brown sand			0	QAL
96254-02	9/10/1996	96254-02	soil	861621.06	430815.94	Lead	455.00000	12.20000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-03	9/10/1996	96254-03	soil	861598.06	430762.94	Lead	109.00000	10.80000	0.0	1.0	0	0	grab	brown sand with small pieces of hard black material			0	QAL
96254-04	9/10/1996	96254-04	soil	861529.06	430794.94	Lead	128.00000	11.10000	0.0	1.0	0	0	grab	brown sand with some debris (brick, concrete)			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Aroclor-1016	0.00000	2.27000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Aroclor-1248	0.00000	2.27000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Aroclor-1254	0.00000	2.27000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Aroclor-1260	0.00000	2.27000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Aroclor-1268	0.00000	2.27000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Barium	0.00000	56.80000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Lead	32.90000	11.40000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Mercury	0.93999	0.56999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with some loamy materia			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Aroclor-1016	0.00000	2.41000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Aroclor-1248	0.00000	2.41000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Aroclor-1254	0.00000	2.41000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Aroclor-1260	0.00000	2.41000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Aroclor-1268	0.00000	2.41000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Barium	0.00000	60.20000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Lead	0.00000	12.00000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Mercury	0.00000	0.60000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan, moist sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Aroclor-1016	0.00000	2.25000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Aroclor-1248	0.00000	2.25000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Aroclor-1254	0.00000	2.25000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Aroclor-1260	0.00000	2.25000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Aroclor-1268	0.00000	2.25000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Barium	62.00000	56.40000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Benzo(a)pyrene	0.57999	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Chrysene	0.46000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Lead	475.00000	11.30000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Mercury	0.00000	0.56000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Aroclor-1016	0.00000	2.24000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Aroclor-1248	0.00000	2.24000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Aroclor-1254	0.00000	2.24000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Aroclor-1260	0.00000	2.24000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Aroclor-1268	0.00000	2.24000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Barium	0.00000	55.90000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Chrysene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Lead	0.00000	11.20000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Mercury	0.00000	0.56000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Aroclor-1016	0.00000	2.30000	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Aroclor-1248	0.00000	2.30000	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Aroclor-1254	0.00000	2.30000	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Aroclor-1260	0.00000	2.30000	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Aroclor-1268	0.00000	2.30000	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Benzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Benzo(a)anthracene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Benzo(a)pyrene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Benzo(b)fluoranthene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Benzo(k)fluoranthene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	n-Butylbenzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	sec-Butylbenzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Chrysene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Dibenzo(a,h)anthracene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Isopropylbenzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	p-Isopropyltoluene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Lead	0.00000	11.50000	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Mercury	0.00000	0.57999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	2-Methylnaphthalene	0.00000	0.34999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	n-Propylbenzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Tetrachloroethene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	1,2,4-Trimethylbenzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	1,3,5-Trimethylbenzene	0.00000	0.05999	0.5	1.3	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Aroclor-1016	0.00000	2.21000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Aroclor-1248	0.00000	2.21000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Aroclor-1254	0.00000	2.21000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Aroclor-1260	0.00000	2.21000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Aroclor-1268	9.00000	2.21000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Lead	22.10000	11.10000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96254-NWF-02	9/10/1996	96254-NWF-02	soil	861751.13	432440.94	Mercury	2.79000	0.55000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown and orange sand, bottom			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Aroclor-1016	0.00000	2.12000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Aroclor-1248	0.00000	2.12000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Aroclor-1254	0.00000	2.12000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Aroclor-1260	0.00000	2.12000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Aroclor-1268	0.00000	2.12000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Barium	0.00000	52.90000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Lead	268.00000	10.60000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Mercury	0.00000	0.52999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	light to brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Aroclor-1016	0.00000	2.44000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Aroclor-1248	0.00000	2.44000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Aroclor-1254	0.00000	2.44000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Aroclor-1260	0.00000	2.44000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Aroclor-1268	0.00000	2.44000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Barium	0.00000	60.90000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Lead	0.00000	12.20000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to dark brown sand			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Aroclor-1016	0.00000	2.22000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Aroclor-1248	0.00000	2.22000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Aroclor-1254	0.00000	2.22000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Aroclor-1260	0.00000	2.22000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Aroclor-1268	0.00000	2.22000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Barium	0.00000	55.60000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Lead	83.90000	11.10000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Mercury	2.47000	0.56000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with traces of root mass			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Aroclor-1016	0.00000	2.27000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Aroclor-1248	0.00000	2.27000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Aroclor-1254	0.00000	2.27000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Aroclor-1260	0.00000	2.27000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Aroclor-1268	0.00000	2.27000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Barium	0.00000	56.70000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Chrysene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Lead	0.00000	11.30000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Mercury	0.00000	0.56999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	grey to brown sand			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Aroclor-1016	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Aroclor-1248	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Aroclor-1254	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Aroclor-1260	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Aroclor-1268	0.00000	2.24000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Barium	0.00000	56.10000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Lead	0.00000	11.20000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Mercury	0.56999	0.56000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Aroclor-1016	0.00000	2.30000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Aroclor-1248	0.00000	2.30000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Aroclor-1254	0.00000	2.30000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Aroclor-1260	0.00000	2.30000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Aroclor-1268	0.00000	2.30000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Barium	0.00000	57.60000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Chrysene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Lead	0.00000	11.50000	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Mercury	0.00000	0.57999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Aroclor-1016	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Aroclor-1248	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Aroclor-1254	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Aroclor-1260	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Aroclor-1268	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Barium	0.00000	57.80000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Lead	42.80000	11.60000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Mercury	0.81999	0.57999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Aroclor-1016	0.00000	2.45000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Aroclor-1248	0.00000	2.45000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Aroclor-1254	0.00000	2.45000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Aroclor-1260	0.00000	2.45000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Aroclor-1268	0.00000	2.45000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Barium	0.00000	61.20000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Lead	0.00000	12.20000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown moist sand			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Aroclor-1016	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Aroclor-1248	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Aroclor-1254	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Aroclor-1260	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Aroclor-1268	0.00000	2.31000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Barium	0.00000	57.80000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Lead	17.30000	11.60000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Mercury	2.24000	0.57999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Aroclor-1016	0.00000	2.48000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Aroclor-1248	0.00000	2.48000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Aroclor-1254	0.00000	2.48000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Aroclor-1260	0.00000	2.48000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Aroclor-1268	0.00000	2.48000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Barium	0.00000	61.90000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Lead	0.00000	12.40000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Mercury	0.00000	0.62000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Aroclor-1016	0.00000	2.26000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Aroclor-1248	0.00000	2.26000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Aroclor-1254	0.00000	2.26000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Aroclor-1260	0.00000	2.26000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Aroclor-1268	0.00000	2.26000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Barium	0.00000	56.60000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Lead	83.10000	11.30000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Mercury	0.00000	0.56999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Aroclor-1016	0.00000	2.22000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Aroclor-1248	0.00000	2.22000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Aroclor-1254	0.00000	2.22000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Aroclor-1260	0.00000	2.22000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Aroclor-1268	0.00000	2.22000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Barium	0.00000	55.50000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Benzo(a)anthracene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Benzo(a)pyrene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Benzo(b)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Benzo(k)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Chrysene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Lead	39.40000	11.10000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Mercury	0.00000	0.55000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	2-Methylnaphthalene	0.00000	0.33000	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	light brown moist sand			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Aroclor-1016	0.00000	2.39000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Aroclor-1248	0.00000	2.39000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Aroclor-1254	0.00000	2.39000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Aroclor-1260	0.00000	2.39000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Aroclor-1268	0.00000	2.39000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Barium	0.00000	59.80000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Chrysene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Lead	77.10000	12.00000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Mercury	0.00000	0.60000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	2-Methylnaphthalene	0.00000	0.36000	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with traces of rust material			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Aroclor-1016	0.00000	2.62000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Aroclor-1248	0.00000	2.62000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Aroclor-1254	0.00000	2.62000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Aroclor-1260	0.00000	2.62000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Aroclor-1268	0.00000	2.62000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Barium	0.00000	65.60000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Lead	135.00000	13.10000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Mercury	0.00000	0.66000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Aroclor-1016	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Aroclor-1248	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Aroclor-1254	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Aroclor-1260	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Aroclor-1268	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Barium	0.00000	53.70000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Lead	75.20000	10.70000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Mercury	0.00000	0.54000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with some root mass			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Aroclor-1016	0.00000	2.42000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Aroclor-1248	0.00000	2.42000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Aroclor-1254	0.00000	2.42000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Aroclor-1260	0.00000	2.42000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Aroclor-1268	0.00000	2.42000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Barium	0.00000	60.60000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Lead	0.00000	12.10000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Aroclor-1016	0.00000	2.35000	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Aroclor-1248	0.00000	2.35000	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Aroclor-1254	0.00000	2.35000	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Aroclor-1260	0.00000	2.35000	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Aroclor-1268	0.00000	2.35000	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Lead	25.20000	11.70000	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Mercury	0.00000	0.58999	0.5	0.8	1	0	grab	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Aroclor-1016	0.00000	2.34000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Aroclor-1248	0.00000	2.34000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Aroclor-1254	0.00000	2.34000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Aroclor-1260	0.00000	2.34000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Aroclor-1268	0.00000	2.34000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Barium	0.00000	58.60000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Lead	46.20000	11.70000	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Mercury	0.00000	0.58999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with trace amount of roots			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Aroclor-1016	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Aroclor-1248	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Aroclor-1254	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Aroclor-1260	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Aroclor-1268	0.00000	2.60000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Barium	0.00000	65.10000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Lead	21.40000	13.00000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan wet sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Aroclor-1016	0.00000	2.24000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Aroclor-1248	0.00000	2.24000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Aroclor-1254	0.00000	2.24000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Aroclor-1260	0.00000	2.24000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Aroclor-1268	0.00000	2.24000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Barium	0.00000	56.00000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Lead	364.00000	11.20000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Mercury	0.73000	0.56000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Aroclor-1016	0.00000	2.67000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Aroclor-1248	0.00000	2.67000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Aroclor-1254	0.00000	2.67000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Aroclor-1260	0.00000	2.67000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Aroclor-1268	0.00000	2.67000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Barium	0.00000	66.80000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Chrysene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Lead	509.00000	13.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Mercury	0.00000	0.67000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL
96256-05	9/12/1996	96256-05	soil	862038.13	432752.94	Lead	44.10000	11.80000	0.0	1.0	0	0	grab	light to medium brown sand			0	QAL
96256-05	9/12/1996	96256-05	soil	862038.13	432752.94	Mercury	0.00000	0.58999	0.0	1.0	0	0	grab	light to medium brown sand			0	QAL
96256-06	9/12/1996	96256-06	soil	862038.13	432752.94	Lead	33.50000	13.40000	2.0	3.0	0	0	grab	brown sand			0	QAL
96256-06	9/12/1996	96256-06	soil	862038.13	432752.94	Mercury	0.00000	0.67000	2.0	3.0	0	0	grab	brown sand			0	QAL
96256-07	9/12/1996	96256-07	soil	862012.13	432752.94	Lead	83.00000	11.90000	0.0	1.0	0	0	grab	tan to brown sand			0	QAL
96256-07	9/12/1996	96256-07	soil	862012.13	432752.94	Mercury	0.83999	0.58999	0.0	1.0	0	0	grab	tan to brown sand			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Lead	0.00000	12.90000	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Mercury	1.10000	0.63999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Aroclor-1016	0.00000	2.24000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Aroclor-1248	0.00000	2.24000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Aroclor-1254	8.10000	2.24000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Aroclor-1260	0.00000	2.24000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Aroclor-1268	0.00000	2.24000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Lead	131.00000	11.20000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Mercury	0.62999	0.56000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Aroclor-1016	0.00000	2.28000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Aroclor-1248	0.00000	2.28000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Aroclor-1254	0.00000	2.28000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Aroclor-1260	0.00000	2.28000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Aroclor-1268	0.00000	2.28000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Lead	0.00000	11.40000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Mercury	0.00000	0.56999	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-01	9/16/1996	96260-01	soil	861648.06	431173.94	Lead	124.00000	11.00000	0.0	1.0	0	0	grab	light brown to tan very fine sand			0	QAL
96260-02	9/16/1996	96260-02	soil	861654.06	431257.94	Lead	295.00000	12.10000	0.0	1.0	0	0	grab	brown to grey sand with some dark stains			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Aroclor-1016	0.00000	2.42000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Aroclor-1248	0.00000	2.42000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Aroclor-1254	0.00000	2.42000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Aroclor-1260	0.00000	2.42000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Aroclor-1268	0.00000	2.42000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Barium	0.00000	60.50000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Lead	116.00000	12.10000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand, trace grey sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Aroclor-1016	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Aroclor-1248	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Aroclor-1254	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Aroclor-1260	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Aroclor-1268	0.00000	2.15000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Barium	0.00000	53.80000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Lead	26.30000	10.80000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Mercury	0.00000	0.54000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Aroclor-1016	0.00000	2.44000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Aroclor-1248	0.00000	2.44000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Aroclor-1254	0.00000	2.44000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Aroclor-1260	0.00000	2.44000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Aroclor-1268	0.00000	2.44000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Barium	0.00000	61.00000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Lead	0.00000	12.20000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Aroclor-1016	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Aroclor-1248	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Aroclor-1254	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Aroclor-1260	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Aroclor-1268	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Barium	56.00000	56.00000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Lead	67.20000	11.20000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Mercury	0.00000	0.56000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Aroclor-1016	0.00000	2.13000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Aroclor-1248	0.00000	2.13000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Aroclor-1254	0.00000	2.13000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Aroclor-1260	0.00000	2.13000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Aroclor-1268	0.00000	2.13000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Barium	0.00000	53.30000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Benzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Benzo(a)anthracene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Benzo(a)pyrene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Benzo(b)fluoranthene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Benzo(k)fluoranthene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	n-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	sec-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Chrysene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Dibenzo(a,h)anthracene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Isopropylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	p-Isopropyltoluene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Lead	0.00000	10.70000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Mercury	0.00000	0.52999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	2-Methylnaphthalene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	n-Propylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Tetrachloroethene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	1,2,4-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	1,3,5-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Aroclor-1016	0.00000	2.09000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Aroclor-1248	0.00000	2.09000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Aroclor-1254	0.00000	2.09000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Aroclor-1260	0.00000	2.09000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Aroclor-1268	0.00000	2.09000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Barium	0.00000	52.20000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Benzo(a)anthracene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Benzo(a)pyrene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Benzo(b)fluoranthene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Benzo(k)fluoranthene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Chrysene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Dibenzo(a,h)anthracene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Lead	33.90000	10.40000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Mercury	0.00000	0.51999	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	2-Methylnaphthalene	0.00000	0.31000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand with root debris			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Aroclor-1016	0.00000	2.15000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Aroclor-1248	0.00000	2.15000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Aroclor-1254	0.00000	2.15000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Aroclor-1260	0.00000	2.15000	2.0	3.0	0	0	grab	tan sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Aroclor-1268	0.00000	2.15000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Barium	0.00000	53.80000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Benzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Benzo(a)anthracene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Benzo(a)pyrene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Benzo(b)fluoranthene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Benzo(k)fluoranthene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	n-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	sec-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Chrysene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Dibenzo(a,h)anthracene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Isopropylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	p-Isopropyltoluene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Lead	0.00000	10.80000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Mercury	0.00000	0.54000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	2-Methylnaphthalene	0.00000	0.31999	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	n-Propylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Tetrachloroethene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	1,2,4-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	1,3,5-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	grab	tan sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Aroclor-1016	0.00000	2.22000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Aroclor-1248	0.00000	2.22000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Aroclor-1254	0.00000	2.22000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Aroclor-1260	0.00000	2.22000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Aroclor-1268	0.00000	2.22000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Barium	55.60000	55.60000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Lead	513.00000	11.10000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Mercury	0.75999	0.56000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Aroclor-1016	0.00000	2.52000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Aroclor-1248	0.00000	2.52000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Aroclor-1254	0.00000	2.52000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Aroclor-1260	0.00000	2.52000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Aroclor-1268	0.00000	2.52000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Barium	0.00000	62.90000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Chrysene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Lead	0.00000	12.60000	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Mercury	0.00000	0.62999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan sand stained with dark stains, moist			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Aroclor-1016	0.00000	2.28000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Aroclor-1248	0.00000	2.28000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Aroclor-1254	0.00000	2.28000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Aroclor-1260	0.00000	2.28000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Aroclor-1268	0.00000	2.28000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Barium	0.00000	56.90000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Lead	18.70000	11.40000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Mercury	0.00000	0.56999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	tan sand with rust stains			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Aroclor-1016	0.00000	2.70000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Aroclor-1248	0.00000	2.70000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Aroclor-1254	0.00000	2.70000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Aroclor-1260	0.00000	2.70000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Aroclor-1268	0.00000	2.70000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Barium	0.00000	67.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Chrysene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Lead	14.80000	13.50000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Mercury	0.00000	0.67000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with rust stains, moist			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Aroclor-1016	0.00000	2.21000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Aroclor-1248	0.00000	2.21000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Aroclor-1254	0.00000	2.21000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Aroclor-1260	0.00000	2.21000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Aroclor-1268	0.00000	2.21000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Barium	0.00000	55.30000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	n-Butylbenzene	0.18000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Lead	49.20000	11.10000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Mercury	0.00000	0.55000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	1,2,4-Trimethylbenzene	0.20000	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	1,3,5-Trimethylbenzene	0.10999	0.05999	0.0	1.0	0	0	grab	dark brown sand with loamy material			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Aroclor-1016	0.00000	2.40000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Aroclor-1248	0.00000	2.40000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Aroclor-1254	0.00000	2.40000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Aroclor-1260	0.00000	2.40000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Aroclor-1268	0.00000	2.40000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Barium	0.00000	59.90000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Lead	0.00000	12.00000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Mercury	0.00000	0.60000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with rust stains			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Aroclor-1016	0.00000	2.28000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Aroclor-1248	0.00000	2.28000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Aroclor-1254	0.00000	2.28000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Aroclor-1260	0.00000	2.28000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Aroclor-1268	0.00000	2.28000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Lead	244.00000	11.40000	0.0	1.0	0	0	grab	brown to tan sand			0	QAL
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Mercury	3.26000	0.56999	0.0	1.0	0	0	grab	brown to tan sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Aroclor-1016	0.00000	2.52000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Aroclor-1248	0.00000	2.52000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Aroclor-1254	0.00000	2.52000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Aroclor-1260	0.00000	2.52000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Aroclor-1268	0.00000	2.52000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Lead	104.00000	12.60000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Mercury	0.50999	0.62999	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Aroclor-1016	0.00000	2.23000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Aroclor-1248	0.00000	2.23000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Aroclor-1254	0.00000	2.23000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Aroclor-1260	0.00000	2.23000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Aroclor-1268	0.00000	2.23000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Lead	171.00000	11.10000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Mercury	0.00000	0.56000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96260-OST-12	9/16/1996	96260-OST-12	soil	861607.06	430685.97	Lead	44.80000	11.40000	1.0	2.0	1	0	comp	post excavation, 4-pt composite, brown sand, bottom			0	QAL
96260-OST-13	9/16/1996	96260-OST-13	soil	861591.75	430698.38	Lead	635.00000	11.40000	0.0	1.3	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96260-OST-14	9/16/1996	96260-OST-14	soil	861623.13	430696.75	Lead	252.00000	11.60000	0.0	1.3	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Aroclor-1016	0.00000	2.33000	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Aroclor-1248	0.00000	2.33000	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Aroclor-1254	0.00000	2.33000	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Aroclor-1260	0.00000	2.33000	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Aroclor-1268	0.00000	2.33000	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Lead	110.00000	11.70000	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Mercury	0.00000	0.57999	0.0	1.0	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Aroclor-1016	0.00000	2.59000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Aroclor-1248	0.00000	2.59000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Aroclor-1254	0.00000	2.59000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Aroclor-1260	0.00000	2.59000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Aroclor-1268	0.00000	2.59000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Lead	0.00000	12.90000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Mercury	3.58000	0.64999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Aroclor-1016	0.00000	2.54000	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Aroclor-1248	0.00000	2.54000	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Aroclor-1254	0.00000	2.54000	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Aroclor-1260	0.00000	2.54000	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Aroclor-1268	0.00000	2.54000	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Lead	105.00000	12.70000	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Mercury	0.00000	0.63999	2.0	3.0	0	0	grab	tan wet sand with some black stains			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Aroclor-1016	0.00000	2.11000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Aroclor-1248	0.00000	2.11000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Aroclor-1254	0.00000	2.11000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Aroclor-1260	0.00000	2.11000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Aroclor-1268	0.00000	2.11000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Barium	0.00000	52.90000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Benzo(b)fluoranthene	0.33000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Lead	218.00000	10.60000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Mercury	0.00000	0.52999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown loamy sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Aroclor-1016	0.00000	2.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Aroclor-1248	0.00000	2.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Aroclor-1254	0.00000	2.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Aroclor-1260	0.00000	2.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Aroclor-1268	0.00000	2.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Barium	0.00000	59.00000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Chrysene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Lead	0.00000	11.80000	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Mercury	0.00000	0.58999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Aroclor-1016	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Aroclor-1248	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Aroclor-1254	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Aroclor-1260	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Aroclor-1268	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Barium	0.00000	55.70000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Lead	19.50000	11.10000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Mercury	0.00000	0.56000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace tan sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Aroclor-1016	0.00000	2.48000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Aroclor-1248	0.00000	2.48000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Aroclor-1254	0.00000	2.48000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Aroclor-1260	0.00000	2.48000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Aroclor-1268	0.00000	2.48000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Barium	105.00000	61.90000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Lead	0.00000	12.40000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Mercury	0.00000	0.62000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan moist sand			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Aroclor-1016	0.00000	2.26000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Aroclor-1248	0.00000	2.26000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Aroclor-1254	0.00000	2.26000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Aroclor-1260	0.00000	2.26000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Aroclor-1268	0.00000	2.26000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Barium	0.00000	56.50000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Lead	189.00000	11.30000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Mercury	0.88999	0.56000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	dark brown loamy sand with root debris			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Aroclor-1016	0.00000	2.42000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Aroclor-1248	0.00000	2.42000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Aroclor-1254	0.00000	2.42000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Aroclor-1260	0.00000	2.42000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Aroclor-1268	0.00000	2.42000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Barium	0.00000	60.50000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Lead	16.90000	12.10000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Mercury	0.00000	0.60000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Aroclor-1016	0.00000	2.40000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Aroclor-1248	0.00000	2.40000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Aroclor-1254	0.00000	2.40000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Aroclor-1260	0.00000	2.40000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Aroclor-1268	2.90000	2.40000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Lead	243.00000	12.00000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-CSA-01	9/17/1996	96261-CSA-01	soil	861799.50	432003.25	Mercury	4.28000	0.60000	0.5	0.5	1	0	comp	post excavation, 4-pt composite from sump			0	QAL
96261-NRA-107	9/17/1996	96261-NRA-107	soil	861943.56	433546.56	Lead	103.00000	12.80000	3.0	3.0	1	0	comp	post excavation, 2-pt composite, brown sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Benzo(a)anthracene	0.00000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Benzo(a)pyrene	0.00000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Benzo(b)fluoranthene	0.00000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Benzo(k)fluoranthene	0.00000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Chrysene	1.72000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Dibenzo(a,h)anthracene	0.00000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Lead	148.00000	12.60000	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	2-Methylnaphthalene	4.64000	0.37999	3.0	3.0	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Aroclor-1016	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Aroclor-1248	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Aroclor-1254	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Aroclor-1260	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Aroclor-1268	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Barium	58.20000	58.20000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Lead	33.80000	11.60000	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Mercury	1.29000	0.57999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown sand with trace hardened black material			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Aroclor-1016	0.00000	2.60000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Aroclor-1248	0.00000	2.60000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Aroclor-1254	0.00000	2.60000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Aroclor-1260	0.00000	2.60000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Aroclor-1268	0.00000	2.60000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Barium	0.00000	65.00000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Lead	0.00000	13.00000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan sand with black stains, wet			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Aroclor-1016	0.00000	2.61000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Aroclor-1248	0.00000	2.61000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Aroclor-1254	0.00000	2.61000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Aroclor-1260	0.00000	2.61000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Aroclor-1268	0.00000	2.61000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Barium	0.00000	65.40000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Lead	0.00000	13.10000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	tan/orange wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Aroclor-1016	0.00000	2.37000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Aroclor-1248	0.00000	2.37000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Aroclor-1254	0.00000	2.37000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Aroclor-1260	0.00000	2.37000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Aroclor-1268	0.00000	2.37000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Barium	0.00000	59.30000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Lead	74.20000	11.90000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Mercury	0.55000	0.58999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Aroclor-1016	0.00000	2.42000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Aroclor-1248	0.00000	2.42000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Aroclor-1254	0.00000	2.42000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Aroclor-1260	0.00000	2.42000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Aroclor-1268	0.00000	2.42000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Barium	0.00000	60.50000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Lead	0.00000	12.10000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Mercury	8.96000	0.61000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown wet sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Aroclor-1016	0.00000	2.14000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Aroclor-1248	0.00000	2.14000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Aroclor-1254	0.00000	2.14000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Aroclor-1260	0.00000	2.14000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Aroclor-1268	0.00000	2.14000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Barium	0.00000	53.60000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Benzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Chrysene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Lead	78.50000	10.70000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Mercury	1.58000	0.54000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	grab	brown sand			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Aroclor-1016	0.00000	2.26000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Aroclor-1248	0.00000	2.26000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Aroclor-1254	0.00000	2.26000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Aroclor-1260	0.00000	2.26000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Aroclor-1268	0.00000	2.26000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Barium	0.00000	56.50000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Benzo(b)fluoranthene	0.38999	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Lead	128.00000	11.30000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Mercury	1.35000	0.56000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	brown to tan sand, trace black hardened material			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Aroclor-1016	0.00000	2.46000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Aroclor-1248	0.00000	2.46000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Aroclor-1254	0.00000	2.46000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Aroclor-1260	0.00000	2.46000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Aroclor-1268	0.00000	2.46000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Barium	0.00000	61.40000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Lead	0.00000	12.30000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Aroclor-1016	0.00000	2.27000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Aroclor-1248	0.00000	2.27000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Aroclor-1254	0.00000	2.27000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Aroclor-1260	0.00000	2.27000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Aroclor-1268	0.00000	2.27000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Barium	0.00000	56.80000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Benzo(a)anthracene	2.12000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Lead	1920.00000	11.40000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Mercury	1.72000	0.56999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	2-Methylnaphthalene	1.60000	0.34000	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	black cinder-like material with trace debris			0	QAL
96262-20	9/18/1996	96262-20	soil	861577.06	430693.94	Lead	820.00000	10.60000	0.0	0.1	0	0	grab	brown silty sand, surface grab east of south tank support			0	QAL
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Aroclor-1016	0.00000	2.18000	0.5	0.5	0	0	grab	white sand from west side of BMI # 1			0	QAL
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Aroclor-1248	0.00000	2.18000	0.5	0.5	0	0	grab	white sand from west side of BMI # 1			0	QAL
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Aroclor-1254	0.00000	2.18000	0.5	0.5	0	0	grab	white sand from west side of BMI # 1			0	QAL
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Aroclor-1260	0.00000	2.18000	0.5	0.5	0	0	grab	white sand from west side of BMI # 1			0	QAL
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Aroclor-1268	0.00000	2.18000	0.5	0.5	0	0	grab	white sand from west side of BMI # 1			0	QAL
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Mercury	0.00000	0.54000	0.5	0.5	0	0	grab	white sand from west side of BMI # 1			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Aroclor-1016	0.00000	2.40000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Aroclor-1248	0.00000	2.40000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Aroclor-1254	3.30000	2.40000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Aroclor-1260	0.00000	2.40000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Aroclor-1268	0.00000	2.40000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Lead	175.00000	12.00000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Mercury	14.60000	0.60000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Aroclor-1016	0.00000	2.23000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Aroclor-1248	0.00000	2.23000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Aroclor-1254	0.00000	2.23000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Aroclor-1260	0.00000	2.23000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Aroclor-1268	0.00000	2.23000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Lead	0.00000	11.20000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Mercury	0.00000	0.56000	0.5	1.0	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Aroclor-1016	0.00000	2.15000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Aroclor-1248	0.00000	2.15000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Aroclor-1254	0.00000	2.15000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Aroclor-1260	0.00000	2.15000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Aroclor-1268	0.00000	2.15000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Lead	20.90000	10.80000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Mercury	0.00000	0.54000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Aroclor-1016	0.00000	2.20000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Aroclor-1248	0.00000	2.20000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Aroclor-1254	0.00000	2.20000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Aroclor-1260	0.00000	2.20000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Aroclor-1268	0.00000	2.20000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Lead	1.93000	11.00000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Mercury	2.09000	0.55000	0.0	1.0	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Aroclor-1016	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Aroclor-1248	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Aroclor-1254	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Aroclor-1260	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Aroclor-1268	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Lead	45.00000	11.50000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Mercury	0.00000	0.57999	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Aroclor-1016	0.00000	2.50000	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Aroclor-1248	0.00000	2.50000	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Aroclor-1254	0.00000	2.50000	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Aroclor-1260	0.00000	2.50000	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Aroclor-1268	0.00000	2.50000	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Lead	157.00000	12.50000	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Mercury	5.61000	0.62999	0.5	0.8	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Aroclor-1016	0.00000	2.32000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Aroclor-1248	0.00000	2.32000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Aroclor-1254	0.00000	2.32000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Aroclor-1260	0.00000	2.32000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Aroclor-1268	0.00000	2.32000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Barium	691.00000	58.10000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Benzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Benzo(a)anthracene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Benzo(a)pyrene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Benzo(b)fluoranthene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Benzo(k)fluoranthene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	n-Butylbenzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	sec-Butylbenzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Chrysene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Isopropylbenzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	p-Isopropyltoluene	0.07000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Lead	3000.00000	11.60000	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Mercury	6.67000	0.57999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	2-Methylnaphthalene	0.00000	0.34999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	n-Propylbenzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Tetrachloroethene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	0.5	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Aroclor-1016	0.00000	2.30000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Aroclor-1248	0.00000	2.30000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Aroclor-1254	0.00000	2.30000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Aroclor-1260	0.00000	2.30000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Aroclor-1268	0.00000	2.30000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Barium	0.00000	57.50000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Lead	205.00000	11.50000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Mercury	20.80000	0.56999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown to tan sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Aroclor-1016	0.00000	2.25000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Aroclor-1248	0.00000	2.25000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Aroclor-1254	0.00000	2.25000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Aroclor-1260	0.00000	2.25000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Aroclor-1268	0.00000	2.25000	2.0	2.5	0	0	grab	brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Barium	67.60000	56.30000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Benzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Benzo(a)anthracene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Benzo(a)pyrene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Benzo(b)fluoranthene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Benzo(k)fluoranthene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	n-Butylbenzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	sec-Butylbenzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Chrysene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Isopropylbenzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	p-Isopropyltoluene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Lead	220.00000	11.30000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Mercury	0.72000	0.56000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	2-Methylnaphthalene	0.00000	0.34000	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	n-Propylbenzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Tetrachloroethene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.5	0	0	grab	brown sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Aroclor-1016	0.00000	2.33000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Aroclor-1248	0.00000	2.33000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Aroclor-1254	0.00000	2.33000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Aroclor-1260	0.00000	2.33000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Aroclor-1268	0.00000	2.33000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Barium	81.60000	58.30000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Lead	234.00000	11.70000	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Mercury	0.63999	0.57999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	light brown loamy sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Aroclor-1016	0.00000	2.23000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Aroclor-1248	0.00000	2.23000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Aroclor-1254	0.00000	2.23000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Aroclor-1260	0.00000	2.23000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Aroclor-1268	0.00000	2.23000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Barium	0.00000	55.70000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Benzo(a)anthracene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Benzo(a)pyrene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Benzo(b)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Benzo(k)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Chrysene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Lead	185.00000	11.10000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Mercury	0.28999	0.56000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	2-Methylnaphthalene	0.00000	0.33000	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Aroclor-1016	0.00000	2.40000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Aroclor-1248	0.00000	2.40000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Aroclor-1254	0.00000	2.40000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Aroclor-1260	0.00000	2.40000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Aroclor-1268	0.00000	2.40000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Lead	22.40000	12.00000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Mercury	0.76999	0.60000	1.0	2.0	1	0	comp	post excavation, 5-pt composite, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Aroclor-1016	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Aroclor-1248	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Aroclor-1254	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Aroclor-1260	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Aroclor-1268	0.00000	2.31000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Lead	13.80000	11.60000	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Mercury	0.00000	0.57999	0.5	0.8	1	0	comp	post excavation, 5-pt composite, brown sand, bottom			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Aroclor-1016	0.00000	2.07000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Aroclor-1248	0.00000	2.07000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Aroclor-1254	0.00000	2.07000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Aroclor-1260	0.00000	2.07000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Aroclor-1268	0.00000	2.07000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Lead	57.40000	10.30000	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Mercury	0.00000	0.51999	0.0	0.5	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall			0	QAL
96267-01	9/23/1996	96267-01	soil	862249.25	433152.00	Lead	105.00000	11.00000	0.0	1.0	0	0	grab	brown to tan loamy sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Aroclor-1016	0.00000	2.77000	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Aroclor-1248	0.00000	2.77000	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Aroclor-1254	0.00000	2.77000	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Aroclor-1260	0.00000	2.77000	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Aroclor-1268	0.00000	2.77000	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Lead	273.00000	13.90000	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Mercury	1.00000	0.68999	2.0	3.0	0	0	grab	MH-N24, tan to dk brown sand			0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Aroclor-1016	0.00000	2.19000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Aroclor-1248	0.00000	2.19000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Aroclor-1254	0.00000	2.19000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Aroclor-1260	0.00000	2.19000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Aroclor-1268	0.00000	2.19000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Lead	107.00000	10.90000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Mercury	0.89999	0.55000	0.0	1.0	0	0	grab	brown sand		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Aroclor-1016	0.00000	2.39000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Aroclor-1248	0.00000	2.39000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Aroclor-1254	0.00000	2.39000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Aroclor-1260	0.00000	2.39000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Aroclor-1268	0.00000	2.39000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Lead	70.50000	12.00000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Mercury	0.00000	0.60000	1.0	2.0	0	0	grab	brown sand trace gray staining		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Aroclor-1016	0.00000	2.25000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Aroclor-1248	0.00000	2.25000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Aroclor-1254	0.00000	2.25000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Aroclor-1260	0.00000	2.25000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Aroclor-1268	0.00000	2.25000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Lead	157.00000	11.20000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Mercury	3.84000	0.56000	0.0	1.0	0	0	grab	tan to brown sand		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Aroclor-1016	0.00000	2.33000	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Aroclor-1248	0.00000	2.33000	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Aroclor-1254	0.00000	2.33000	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Aroclor-1260	0.00000	2.33000	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Aroclor-1268	0.00000	2.33000	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Lead	33.20000	11.70000	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Mercury	0.00000	0.57999	1.0	1.5	0	0	grab	tan sand gray gravel fines		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Aroclor-1016	0.00000	2.28000	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Aroclor-1248	0.00000	2.28000	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Aroclor-1254	0.00000	2.28000	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Aroclor-1260	0.00000	2.28000	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Aroclor-1268	7.50000	2.28000	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Lead	325.00000	11.40000	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-07	9/24/1996	96268-07	soil	861802.13	432353.94	Mercury	0.89999	0.56999	0.0	1.0	0	0	grab	tan to brown sand trace clinker		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Aroclor-1016	0.00000	2.52000	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Aroclor-1248	0.00000	2.52000	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Aroclor-1254	0.00000	2.52000	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Aroclor-1260	0.00000	2.52000	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Aroclor-1268	0.00000	2.52000	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Lead	22.70000	12.60000	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Mercury	0.00000	0.62999	1.0	2.0	0	0	grab	tan sand stained		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Aroclor-1016	0.00000	2.21000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Aroclor-1248	0.00000	2.21000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Aroclor-1254	0.00000	2.21000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Aroclor-1260	0.00000	2.21000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Aroclor-1268	4.20000	2.21000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Lead	16.60000	11.10000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-09	9/24/1996	96268-09	soil	861797.13	432399.94	Mercury	1.74000	0.55000	0.0	1.0	0	0	grab	tan sand clinker		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Aroclor-1016	0.00000	2.36000	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Aroclor-1248	0.00000	2.36000	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Aroclor-1254	0.00000	2.36000	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Aroclor-1260	0.00000	2.36000	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Aroclor-1268	0.00000	2.36000	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Lead	0.00000	11.80000	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Mercury	0.00000	0.58999	1.0	2.0	0	0	grab	tan sand slight staining		NREA	0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Aroclor-1016	0.00000	2.46000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Aroclor-1248	0.00000	2.46000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Aroclor-1254	0.00000	2.46000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Aroclor-1260	0.00000	2.46000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Aroclor-1268	0.00000	2.46000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Lead	92.10000	12.30000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Mercury	0.00000	0.61000	1.3	2.3	1	0	comp	post excavation sample bottom 5-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Aroclor-1016	0.00000	2.55000	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Aroclor-1248	0.00000	2.55000	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Aroclor-1254	0.00000	2.55000	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Aroclor-1260	0.00000	2.55000	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Aroclor-1268	0.00000	2.55000	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Lead	38.90000	12.80000	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Mercury	20.60000	0.63999	1.5	2.0	1	0	comp	post excavation sample bottom 4-pt			0	QAL
96269-bcf-02	9/25/1996	96269-BCF-02	soil	862036.13	432736.94	Lead	136.00000	12.00000	0.0	2.5	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96269-bcf-02	9/25/1996	96269-BCF-02	soil	862036.13	432736.94	Mercury	1.05000	0.60000	0.0	2.5	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96269-bcf-03	9/25/1996	96269-BCF-03	soil	862013.88	432741.88	Lead	321.00000	11.60000	0.0	2.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96269-bcf-03	9/25/1996	96269-BCF-03	soil	862013.88	432741.88	Mercury	2.04000	0.57999	0.0	2.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Aroclor-1016	0.00000	2.29000	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Aroclor-1248	0.00000	2.29000	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Aroclor-1254	0.00000	2.29000	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Aroclor-1260	0.00000	2.29000	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Aroclor-1268	0.00000	2.29000	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Lead	72.00000	11.40000	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Mercury	0.00000	0.56999	1.0	2.0	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand			0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Aroclor-1016	0.00000	2.69000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Aroclor-1248	0.00000	2.69000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Aroclor-1254	0.00000	2.69000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Aroclor-1260	0.00000	2.69000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Aroclor-1268	36.00000	2.69000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Benzo(a)anthracene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Benzo(a)pyrene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Benzo(b)fluoranthene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Benzo(k)fluoranthene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Chrysene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Dibenzo(a,h)anthracene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Lead	261.00000	13.50000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Mercury	175.00000	0.67000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	2-Methylnaphthalene	0.00000	0.40000	4.0	5.0	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Aroclor-1016	0.00000	2.15000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Aroclor-1248	0.00000	2.15000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Aroclor-1254	0.00000	2.15000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Aroclor-1260	0.00000	2.15000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Aroclor-1268	0.00000	2.15000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Lead	27.40000	10.70000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Mercury	3.86000	0.54000	2.0	3.0	0	0	grab	brown sand			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Aroclor-1016	0.00000	2.71000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Aroclor-1248	0.00000	2.71000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Aroclor-1254	0.00000	2.71000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Aroclor-1260	0.00000	2.71000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Aroclor-1268	0.00000	2.71000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Benzene	0.00000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Benzo(a)anthracene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Benzo(a)pyrene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Benzo(b)fluoranthene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Benzo(k)fluoranthene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	n-Butylbenzene	25.20000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	sec-Butylbenzene	53.70000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Chrysene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Dibenzo(a,h)anthracene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Isopropylbenzene	86.20000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	p-Isopropyltoluene	53.20000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Lead	0.00000	13.60000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Mercury	0.00000	0.68000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	2-Methylnaphthalene	3.38000	0.40999	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	n-Propylbenzene	31.30000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Tetrachloroethene	0.00000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	1,2,4-Trimethylbenzene	28.30000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	1,3,5-Trimethylbenzene	35.20000	0.07000	0.0	5.0	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Aroclor-1016	0.00000	2.35000	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Aroclor-1248	0.00000	2.35000	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Aroclor-1254	0.00000	2.35000	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Aroclor-1260	0.00000	2.35000	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Aroclor-1268	0.00000	2.35000	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Lead	18.80000	11.80000	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Mercury	19.60000	0.58999	0.0	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Aroclor-1016	0.00000	2.46000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Aroclor-1248	0.00000	2.46000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Aroclor-1254	0.00000	2.46000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Aroclor-1260	0.00000	2.46000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Aroclor-1268	0.00000	2.46000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Lead	78.70000	12.30000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Mercury	0.00000	0.62000	3.5	3.5	1	0	comp	post ex bottom 5 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Benzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Benzo(a)anthracene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Benzo(a)pyrene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Benzo(b)fluoranthene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Benzo(k)fluoranthene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	n-Butylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	sec-Butylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Chrysene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Dibenzo(a,h)anthracene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Isopropylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	p-Isopropyltoluene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Lead	182.00000	13.50000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Mercury	1.12000	0.68000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	2-Methylnaphthalene	0.52999	0.40999	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	n-Propylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Tetrachloroethene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	1,2,4-Trimethylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	1,3,5-Trimethylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-nrea-01	10/1/1996	96275-NREA-01	soil	861828.81	432407.03	Aroclor-1016	0.00000	2.34000	0.3	1.0	1	0	comp	post ex bottom 4 pt.		NREA	0	QAL
96275-nrea-01	10/1/1996	96275-NREA-01	soil	861828.81	432407.03	Aroclor-1248	0.00000	2.34000	0.3	1.0	1	0	comp	post ex bottom 4 pt.		NREA	0	QAL
96275-nrea-01	10/1/1996	96275-NREA-01	soil	861828.81	432407.03	Aroclor-1254	0.00000	2.34000	0.3	1.0	1	0	comp	post ex bottom 4 pt.		NREA	0	QAL
96275-nrea-01	10/1/1996	96275-NREA-01	soil	861828.81	432407.03	Aroclor-1260	0.00000	2.34000	0.3	1.0	1	0	comp	post ex bottom 4 pt.		NREA	0	QAL
96275-nrea-01	10/1/1996	96275-NREA-01	soil	861828.81	432407.03	Aroclor-1268	6.60000	2.34000	0.3	1.0	1	0	comp	post ex bottom 4 pt.		NREA	0	QAL
96275-nrea-01	10/1/1996	96275-NREA-01	soil	861828.81	432407.03	Lead	26.30000	11.70000	0.3	1.0	1	0	comp	post ex bottom 4 pt.		NREA	0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Aroclor-1016	0.00000	2.57000	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Aroclor-1248	0.00000	2.57000	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Aroclor-1254	0.00000	2.57000	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Aroclor-1260	0.00000	2.57000	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Aroclor-1268	0.00000	2.57000	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Lead	34.60000	12.80000	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Mercury	15.20000	0.63999	2.5	3.0	1	0	comp	post ex bottom 4 pt.			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Aroclor-1016	0.00000	2.32000	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Aroclor-1248	0.00000	2.32000	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Aroclor-1254	0.00000	2.32000	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Aroclor-1260	0.00000	2.32000	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Aroclor-1268	0.00000	2.32000	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Lead	62.60000	11.60000	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Mercury	3.97000	0.57999	0.0	1.0	0	0	grab	lt brown sand organic material			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Aroclor-1016	0.00000	2.56000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Aroclor-1248	0.00000	2.56000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Aroclor-1254	0.00000	2.56000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Aroclor-1260	0.00000	2.56000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Aroclor-1268	0.00000	2.56000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Lead	57.50000	12.80000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Mercury	0.56999	0.63999	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Aroclor-1016	0.00000	2.39000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Aroclor-1248	0.00000	2.39000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Aroclor-1254	0.00000	2.39000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Aroclor-1260	0.00000	2.39000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Aroclor-1268	0.00000	2.39000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Lead	53.70000	11.90000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Mercury	18.10000	0.60000	0.0	1.0	0	0	grab	dirt pile, brn sand organic mat., clinker			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Aroclor-1016	0.00000	2.41000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Aroclor-1248	0.00000	2.41000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Aroclor-1254	0.00000	2.41000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Aroclor-1260	0.00000	2.41000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Aroclor-1268	0.00000	2.41000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Lead	0.00000	12.00000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Mercury	0.55000	0.60000	1.0	2.0	0	0	grab	brown wet sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Aroclor-1016	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Aroclor-1248	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Aroclor-1254	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Aroclor-1260	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Aroclor-1268	0.00000	2.33000	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Lead	305.00000	11.70000	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Mercury	12.40000	0.57999	0.0	1.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Aroclor-1016	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Aroclor-1248	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Aroclor-1254	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Aroclor-1260	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Aroclor-1268	0.00000	2.31000	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Lead	80.30000	11.60000	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Mercury	3.51000	0.57999	1.0	2.0	0	0	grab	brown sand			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Aroclor-1016	0.00000	2.21000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Aroclor-1248	0.00000	2.21000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Aroclor-1254	0.00000	2.21000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Aroclor-1260	0.00000	2.21000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Aroclor-1268	0.00000	2.21000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Lead	91.60000	11.00000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Mercury	0.00000	0.55000	0.0	1.0	0	0	grab	brown sand trace clinker			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Aroclor-1016	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Aroclor-1248	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Aroclor-1254	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Aroclor-1260	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Aroclor-1268	0.00000	2.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Lead	0.00000	11.70000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Mercury	0.00000	0.57999	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Aroclor-1016	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Aroclor-1248	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Aroclor-1254	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Aroclor-1260	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Aroclor-1268	0.00000	2.23000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Lead	42.90000	11.10000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Mercury	0.77999	0.56000	0.0	1.0	0	0	grab	brown sand loamy			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Aroclor-1016	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Aroclor-1248	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Aroclor-1254	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Aroclor-1260	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Aroclor-1268	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Lead	0.00000	11.30000	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Mercury	0.00000	0.56999	2.0	3.0	0	0	grab	brown sand			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Aroclor-1016	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Aroclor-1248	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Aroclor-1254	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Aroclor-1260	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Aroclor-1268	0.00000	2.24000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Lead	69.00000	11.20000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Mercury	0.00000	0.56000	0.0	1.0	0	0	grab	brown sand organic material			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Aroclor-1016	0.00000	2.24000	1.0	2.0	0	0	grab	tan sand			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Aroclor-1248	0.00000	2.24000	1.0	2.0	0	0	grab	tan sand			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Aroclor-1254	0.00000	2.24000	1.0	2.0	0	0	grab	tan sand			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Aroclor-1260	0.00000	2.24000	1.0	2.0	0	0	grab	tan sand			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Aroclor-1268	0.00000	2.24000	1.0	2.0	0	0	grab	tan sand			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Lead	0.00000	11.20000	1.0	2.0	0	0	grab	tan sand			0	QAL
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Mercury	0.00000	0.56000	1.0	2.0	0	0	grab	tan sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Aroclor-1016	0.00000	2.54000	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Aroclor-1248	0.00000	2.54000	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Aroclor-1254	0.00000	2.54000	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Aroclor-1260	0.00000	2.54000	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Aroclor-1268	0.00000	2.54000	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Lead	520.00000	12.70000	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Mercury	3.16000	0.63999	0.0	1.0	0	0	grab	brn loamy sand white crumbly mat.			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Aroclor-1016	0.00000	2.78000	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Aroclor-1248	0.00000	2.78000	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Aroclor-1254	0.00000	2.78000	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Aroclor-1260	0.00000	2.78000	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Aroclor-1268	0.00000	2.78000	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Lead	876.00000	13.90000	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Mercury	6.07000	0.68999	0.0	1.0	0	0	grab	brn sand organic material			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Aroclor-1016	0.00000	2.83000	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Aroclor-1248	0.00000	2.83000	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Aroclor-1254	0.00000	2.83000	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Aroclor-1260	0.00000	2.83000	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Aroclor-1268	0.00000	2.83000	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Lead	1100.00000	14.10000	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Mercury	13.00000	0.70999	0.0	1.0	0	0	grab	brn loamy sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Aroclor-1016	0.00000	2.28000	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Aroclor-1248	0.00000	2.28000	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Aroclor-1254	0.00000	2.28000	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Aroclor-1260	0.00000	2.28000	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Aroclor-1268	0.00000	2.28000	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Lead	80.90000	11.40000	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Mercury	0.91000	0.56999	0.0	1.0	0	0	grab	reddish tan sand			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Aroclor-1016	0.00000	2.56000	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Aroclor-1248	0.00000	2.56000	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Aroclor-1254	0.00000	2.56000	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Aroclor-1260	0.00000	2.56000	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Aroclor-1268	1.95000	2.56000	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Benzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Benzo(a)anthracene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Benzo(a)pyrene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Benzo(b)fluoranthene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Benzo(k)fluoranthene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	n-Butylbenzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	sec-Butylbenzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Chrysene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Dibenzo(a,h)anthracene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Isopropylbenzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	p-Isopropyltoluene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Lead	484.00000	12.80000	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Mercury	9.97000	0.63999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	2-Methylnaphthalene	0.00000	0.37999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	n-Propylbenzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Tetrachloroethene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation, 5-pt composite			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Aroclor-1016	0.00000	2.51000	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Aroclor-1248	0.00000	2.51000	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Aroclor-1254	0.00000	2.51000	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Aroclor-1260	0.00000	2.51000	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Aroclor-1268	0.00000	2.51000	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Lead	653.00000	12.50000	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Mercury	1.43000	0.62999	0.0	1.0	0	0	grab	brown to black sand, small stones, granular metal fragments			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Aroclor-1016	0.00000	2.36000	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Aroclor-1248	0.00000	2.36000	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Aroclor-1254	0.00000	2.36000	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Aroclor-1260	0.00000	2.36000	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Aroclor-1268	0.00000	2.36000	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Lead	204.00000	11.80000	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Mercury	0.00000	0.58999	1.5	2.0	0	0	grab	black granular material, slight hydrocarbon odor			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Aroclor-1016	0.00000	2.75000	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Aroclor-1248	0.00000	2.75000	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Aroclor-1254	0.00000	2.75000	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Aroclor-1260	0.00000	2.75000	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Aroclor-1268	0.00000	2.75000	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Lead	347.00000	13.80000	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Mercury	1.31000	0.68999	0.0	0.5	0	0	grab	brown wet sand, organic debris			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Aroclor-1016	0.00000	2.44000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Aroclor-1248	0.00000	2.44000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Aroclor-1254	0.00000	2.44000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Aroclor-1260	0.00000	2.44000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Aroclor-1268	0.00000	2.44000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Lead	86.20000	12.20000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Mercury	10.00000	0.61000	0.0	1.0	0	0	grab	brown sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Aroclor-1016	0.00000	3.16000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Aroclor-1248	0.00000	3.16000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Aroclor-1254	0.00000	3.16000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Aroclor-1260	0.00000	3.16000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Aroclor-1268	0.00000	3.16000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Lead	232.00000	15.80000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Mercury	10.00000	0.79000	0.0	1.0	0	0	grab	brown wet sand with organic material			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Aroclor-1016	0.00000	2.38000	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Aroclor-1248	0.00000	2.38000	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Aroclor-1254	0.00000	2.38000	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Aroclor-1260	0.00000	2.38000	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Aroclor-1268	6.00000	2.38000	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Lead	375.00000	11.90000	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-CPS-02	10/10/1996	96284-CPS-02	soil	861612.06	432088.94	Mercury	13.50000	0.58999	0.5	1.0	1	0	comp	post excavation (bottom) , 5-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Benzo(a)anthracene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Benzo(a)pyrene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Benzo(b)fluoranthene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Benzo(k)fluoranthene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Chrysene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Lead	0.00000	11.70000	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Mercury	0.00000	0.58999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	2-Methylnaphthalene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Benzene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Benzo(a)anthracene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Benzo(a)pyrene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Benzo(b)fluoranthene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Benzo(k)fluoranthene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	n-Butylbenzene	8.85000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	sec-Butylbenzene	7.33000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Chrysene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Dibenzo(a,h)anthracene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Isopropylbenzene	13.70000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	p-Isopropyltoluene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Lead	22.50000	11.40000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Mercury	0.00000	0.56999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	2-Methylnaphthalene	0.00000	0.34000	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	n-Propylbenzene	20.80000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Tetrachloroethene	0.00000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	1,2,4-Trimethylbenzene	9.33000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	1,3,5-Trimethylbenzene	7.02000	0.05999	0.5	1.0	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Aroclor-1016	0.00000	2.34000	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Aroclor-1248	0.00000	2.34000	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Aroclor-1254	0.00000	2.34000	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Aroclor-1260	0.00000	2.34000	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Aroclor-1268	0.00000	2.34000	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Lead	77.10000	11.70000	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Mercury	0.00000	0.57999	0.8	1.5	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Aroclor-1016	0.00000	2.34000	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Aroclor-1248	0.00000	2.34000	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Aroclor-1254	0.00000	2.34000	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Aroclor-1260	0.00000	2.34000	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Aroclor-1268	0.00000	2.34000	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Lead	37.40000	11.70000	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Mercury	0.64999	0.57999	1.0	2.0	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NREA	0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Aroclor-1016	0.00000	12.00000	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Aroclor-1248	0.00000	12.00000	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Aroclor-1254	0.00000	12.00000	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Aroclor-1260	0.00000	12.00000	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Aroclor-1268	34.00000	12.00000	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Lead	422.00000	11.70000	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-CPS-06	10/15/1996	96289-CPS-06	soil	861637.06	432105.94	Mercury	85.00000	0.57999	0.0	0.5	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Benzene	0.00000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Benzo(a)anthracene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Benzo(a)pyrene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Benzo(b)fluoranthene	0.34999	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Benzo(k)fluoranthene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	n-Butylbenzene	15.80000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	sec-Butylbenzene	8.70000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Chrysene	0.44999	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Isopropylbenzene	0.00000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	p-Isopropyltoluene	6.70000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Lead	29.40000	11.60000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Mercury	0.00000	0.57999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	2-Methylnaphthalene	0.63999	0.34999	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	n-Propylbenzene	3.20000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Tetrachloroethene	0.00000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	1,2,4-Trimethylbenzene	9.80000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	1,3,5-Trimethylbenzene	13.30000	2.90000	1.5	3.0	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Benzene	0.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Benzo(a)anthracene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Benzo(a)pyrene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Benzo(b)fluoranthene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Benzo(k)fluoranthene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	n-Butylbenzene	8.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	sec-Butylbenzene	7.20000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Chrysene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Dibenzo(a,h)anthracene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Isopropylbenzene	0.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	p-Isopropyltoluene	0.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Lead	0.00000	11.30000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Mercury	0.00000	0.56999	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	2-Methylnaphthalene	2.23000	0.34000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	n-Propylbenzene	0.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Tetrachloroethene	0.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	1,2,4-Trimethylbenzene	15.30000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	1,3,5-Trimethylbenzene	0.00000	2.80000	1.5	2.0	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Aroclor-1016	0.00000	2.41000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Aroclor-1248	0.00000	2.41000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Aroclor-1254	0.00000	2.41000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Aroclor-1260	0.00000	2.41000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Aroclor-1268	0.00000	2.41000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Lead	28.30000	12.00000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Mercury	61.00000	0.60000	2.3	3.3	1	0	comp	post excavation (bottom), 4-pt composite			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Aroclor-1016	0.00000	2.30000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Aroclor-1248	0.00000	2.30000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Aroclor-1254	0.00000	2.30000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Aroclor-1260	0.00000	2.30000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Aroclor-1268	0.00000	2.30000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Lead	436.00000	11.50000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Mercury	5.00000	0.57999	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-04	10/16/1996	96290-04	soil	862141.13	432556.94	Lead	33.60000	11.60000	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-04	10/16/1996	96290-04	soil	862141.13	432556.94	Mercury	1.02000	0.57999	0.0	1.0	0	0	grab	brown sand with root debris			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Aroclor-1016	0.00000	2.36000	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Aroclor-1248	0.00000	2.36000	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Aroclor-1254	0.00000	2.36000	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Aroclor-1260	0.00000	2.36000	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Aroclor-1268	12.00000	2.36000	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Lead	320.00000	11.80000	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-07	10/16/1996	96290-CPS-07	soil	861537.06	432109.94	Mercury	9.01000	0.58999	0.5	1.0	1	0	comp	post excavation (bottom), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Aroclor-1016	0.00000	2.40000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Aroclor-1248	0.00000	2.40000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Aroclor-1254	0.00000	2.40000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Aroclor-1260	0.00000	2.40000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Aroclor-1268	7.20000	2.40000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Lead	382.00000	12.00000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-CPS-08	10/16/1996	96290-CPS-08	soil	861543.06	432117.94	Mercury	9.48000	0.60000	0.0	0.8	2	0	comp	post excavation (n. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Benzene	0.00000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Benzo(a)anthracene	0.00000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Benzo(a)pyrene	0.00000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	n-Butylbenzene	4.90000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	sec-Butylbenzene	7.60000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Chrysene	0.73000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Indeno(1,2,3-cd)pyrene	0.63999	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Isopropylbenzene	0.00000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	p-Isopropyltoluene	9.00000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Lead	65.90000	12.10000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	2-Methylnaphthalene	0.00000	0.36000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	n-Propylbenzene	0.00000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Tetrachloroethene	0.00000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	1,2,4-Trimethylbenzene	4.80000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	1,3,5-Trimethylbenzene	4.70000	3.00000	0.0	1.3	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Benzene	0.00000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Benzo(a)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Benzo(a)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Benzo(b)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Benzo(k)fluoranthene	0.40999	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	n-Butylbenzene	18.30000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	sec-Butylbenzene	8.50000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Chrysene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Dibenzo(a,h)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Isopropylbenzene	12.80000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	p-Isopropyltoluene	11.60000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Lead	20.10000	12.90000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	2-Methylnaphthalene	1.01000	0.38999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	n-Propylbenzene	0.00000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Tetrachloroethene	0.00000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	1,2,4-Trimethylbenzene	17.00000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	1,3,5-Trimethylbenzene	14.70000	3.20000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Benzene	0.00000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Benzo(a)anthracene	0.00000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Benzo(a)pyrene	0.00000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Benzo(b)fluoranthene	2.87000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Benzo(k)fluoranthene	0.00000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	n-Butylbenzene	13.00000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	sec-Butylbenzene	8.50000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Chrysene	2.76000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Dibenzo(a,h)anthracene	0.00000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Isopropylbenzene	0.00000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	p-Isopropyltoluene	10.80000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Lead	0.00000	12.50000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	2-Methylnaphthalene	2.75000	0.37000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	n-Propylbenzene	0.00000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Tetrachloroethene	0.00000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	1,2,4-Trimethylbenzene	11.60000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	1,3,5-Trimethylbenzene	9.90000	3.10000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Aroclor-1016	0.00000	2.38000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Aroclor-1248	0.00000	2.38000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Aroclor-1254	0.00000	2.38000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Aroclor-1260	0.00000	2.38000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Aroclor-1268	0.00000	2.38000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Lead	71.80000	11.90000	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Mercury	27.90000	0.58999	1.5	2.0	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Aroclor-1016	0.00000	2.53000	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Aroclor-1248	0.00000	2.53000	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Aroclor-1254	0.00000	2.53000	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Aroclor-1260	0.00000	2.53000	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Aroclor-1268	4.80000	2.53000	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Lead	628.00000	12.60000	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96291-09	10/17/1996	96291-09	soil	861769.13	432552.94	Mercury	4.58000	0.62999	0.0	0.0	0	0	comp	4-pt composite, brown coarse wet sand with brick fragments			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Aroclor-1016	0.00000	2.10000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Aroclor-1248	0.00000	2.10000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Aroclor-1254	0.00000	2.10000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Aroclor-1260	0.00000	2.10000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Aroclor-1268	0.00000	2.10000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Lead	104.00000	10.50000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Mercury	0.89999	0.51999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Aroclor-1016	0.00000	2.55000	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Aroclor-1248	0.00000	2.55000	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Aroclor-1254	0.00000	2.55000	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Aroclor-1260	0.00000	2.55000	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Aroclor-1268	0.00000	2.55000	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Lead	0.00000	12.70000	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Mercury	0.00000	0.63999	4.0	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Aroclor-1016	0.00000	2.25000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Aroclor-1248	0.00000	2.25000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Aroclor-1254	0.00000	2.25000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Aroclor-1260	0.00000	2.25000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Aroclor-1268	0.00000	2.25000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Lead	24.80000	11.30000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Mercury	0.00000	0.56000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Aroclor-1016	0.00000	2.44000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Aroclor-1248	0.00000	2.44000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Aroclor-1254	0.00000	2.44000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Aroclor-1260	0.00000	2.44000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Aroclor-1268	0.00000	2.44000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Lead	0.00000	12.20000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Aroclor-1016	0.00000	2.29000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Aroclor-1248	0.00000	2.29000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Aroclor-1254	0.00000	2.29000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Aroclor-1260	0.00000	2.29000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Aroclor-1268	0.00000	2.29000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Lead	327.00000	11.50000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Mercury	0.00000	0.56999	0.0	1.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Aroclor-1016	0.00000	2.53000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Aroclor-1248	0.00000	2.53000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Aroclor-1254	0.00000	2.53000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Aroclor-1260	0.00000	2.53000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Aroclor-1268	0.00000	2.53000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Lead	18.90000	12.60000	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Mercury	0.00000	0.62999	2.0	3.0	0	0	grab	delineation sample			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Aroclor-1016	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Aroclor-1248	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Aroclor-1254	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Aroclor-1260	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Aroclor-1268	0.00000	2.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Lead	14.60000	11.70000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Mercury	1.09000	0.57999	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Aroclor-1016	0.00000	2.25000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Aroclor-1248	0.00000	2.25000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Aroclor-1254	0.00000	2.25000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Aroclor-1260	0.00000	2.25000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Aroclor-1268	0.00000	2.25000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Lead	0.00000	11.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Mercury	0.00000	0.56000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Aroclor-1016	0.00000	2.38000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Aroclor-1248	0.00000	2.38000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Aroclor-1254	0.00000	2.38000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Aroclor-1260	0.00000	2.38000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Aroclor-1268	2.50000	2.38000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Lead	25.50000	11.90000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96296-SRY-21	10/22/1996	96296-SRY-21	soil	861767.50	431686.75	Mercury	3.34000	0.58999	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Aroclor-1016	0.00000	2.37000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Aroclor-1248	0.00000	2.37000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Aroclor-1254	0.00000	2.37000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Aroclor-1260	0.00000	2.37000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Aroclor-1268	0.00000	2.37000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Barium	0.00000	59.30000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Benzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Benzo(a)anthracene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Benzo(a)pyrene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Benzo(b)fluoranthene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Benzo(k)fluoranthene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	n-Butylbenzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	sec-Butylbenzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Chrysene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Isopropylbenzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	p-Isopropyltoluene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Lead	90.20000	11.90000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Mercury	2.66000	0.58999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	2-Methylnaphthalene	0.00000	0.36000	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	n-Propylbenzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Tetrachloroethene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Aroclor-1016	0.00000	2.23000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Aroclor-1248	0.00000	2.23000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Aroclor-1254	0.00000	2.23000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Aroclor-1260	0.00000	2.23000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Aroclor-1268	0.00000	2.23000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Barium	0.00000	55.70000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Benzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Benzo(a)anthracene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Benzo(a)pyrene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Benzo(b)fluoranthene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Benzo(k)fluoranthene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	n-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	sec-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Chrysene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Dibenzo(a,h)anthracene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Isopropylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	p-Isopropyltoluene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Lead	85.30000	11.10000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Mercury	0.00000	0.56000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	2-Methylnaphthalene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	n-Propylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Tetrachloroethene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Aroclor-1016	0.00000	2.18000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Aroclor-1248	0.00000	2.18000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Aroclor-1254	0.00000	2.18000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Aroclor-1260	0.00000	2.18000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Aroclor-1268	0.00000	2.18000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Benzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Benzo(a)anthracene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Benzo(a)pyrene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Benzo(b)fluoranthene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Benzo(k)fluoranthene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	n-Butylbenzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	sec-Butylbenzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Chrysene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Isopropylbenzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	p-Isopropyltoluene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Lead	62.60000	10.90000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Mercury	5.08000	0.54000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	2-Methylnaphthalene	0.00000	0.33000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	n-Propylbenzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Tetrachloroethene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	1.3	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Aroclor-1016	0.00000	2.18000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Aroclor-1248	0.00000	2.18000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Aroclor-1254	0.00000	2.18000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Aroclor-1260	0.00000	2.18000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Aroclor-1268	0.00000	2.18000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Lead	71.50000	10.90000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Mercury	0.73000	0.55000	0.0	1.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Aroclor-1016	0.00000	2.29000	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Aroclor-1248	0.00000	2.29000	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Aroclor-1254	0.00000	2.29000	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Aroclor-1260	0.00000	2.29000	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Aroclor-1268	0.00000	2.29000	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Lead	32.00000	11.50000	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Mercury	0.00000	0.56999	1.0	2.0	0	0	grab	delineation sample			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Aroclor-1016	0.00000	2.49000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Aroclor-1248	0.00000	2.49000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Aroclor-1254	0.00000	2.49000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Aroclor-1260	0.00000	2.49000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Aroclor-1268	0.00000	2.49000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Lead	192.00000	12.50000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Mercury	1.95000	0.62000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Aroclor-1016	0.00000	2.35000	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Aroclor-1248	0.00000	2.35000	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Aroclor-1254	0.00000	2.35000	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Aroclor-1260	0.00000	2.35000	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Aroclor-1268	0.00000	2.35000	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Lead	69.90000	11.80000	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Mercury	2.68000	0.58999	0.0	2.0	2	0	comp	post excavation east sidewall 3-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Aroclor-1016	0.00000	2.34000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Aroclor-1248	0.00000	2.34000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Aroclor-1254	0.00000	2.34000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Aroclor-1260	0.00000	2.34000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Aroclor-1268	0.00000	2.34000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Lead	77.70000	11.70000	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Mercury	1.16000	0.57999	2.0	2.5	1	0	comp	post excavation bottom 4-pt			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Aroclor-1016	0.00000	2.33000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Aroclor-1248	0.00000	2.33000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Aroclor-1254	0.00000	2.33000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Aroclor-1260	0.00000	2.33000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Aroclor-1268	0.00000	2.33000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Lead	65.80000	11.60000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Mercury	0.70999	0.57999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Aroclor-1016	0.00000	2.53000	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Aroclor-1248	0.00000	2.53000	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Aroclor-1254	0.00000	2.53000	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Aroclor-1260	0.00000	2.53000	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Aroclor-1268	0.00000	2.53000	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Benzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Benzo(a)anthracene	4.21000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Benzo(a)pyrene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Benzo(b)fluoranthene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Benzo(k)fluoranthene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	n-Butylbenzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	sec-Butylbenzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Chrysene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Dibenzo(a,h)anthracene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Isopropylbenzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	p-Isopropyltoluene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Lead	1040.00000	12.60000	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Mercury	0.00000	0.62999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	2-Methylnaphthalene	0.00000	0.37999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	n-Propylbenzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Tetrachloroethene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Aroclor-1016	0.00000	2.63000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Aroclor-1248	0.00000	2.63000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Aroclor-1254	0.00000	2.63000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Aroclor-1260	0.00000	2.63000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Aroclor-1268	0.00000	2.63000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Benzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Benzo(a)anthracene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Benzo(a)pyrene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Benzo(b)fluoranthene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Benzo(k)fluoranthene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	n-Butylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	sec-Butylbenzene	0.07000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Chrysene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Dibenzo(a,h)anthracene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Isopropylbenzene	0.10000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	p-Isopropyltoluene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Lead	0.00000	13.20000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Mercury	0.00000	0.66000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	2-Methylnaphthalene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	n-Propylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Tetrachloroethene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	1,2,4-Trimethylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	1,3,5-Trimethylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Aroclor-1016	0.00000	2.58000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Aroclor-1248	0.00000	2.58000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Aroclor-1254	0.00000	2.58000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Aroclor-1260	0.00000	2.58000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Aroclor-1268	0.00000	2.58000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Benzene	0.00000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Benzo(a)anthracene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Benzo(a)pyrene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Benzo(b)fluoranthene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Benzo(k)fluoranthene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	n-Butylbenzene	0.00000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	sec-Butylbenzene	0.20000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Chrysene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Dibenzo(a,h)anthracene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Isopropylbenzene	0.34000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	p-Isopropyltoluene	0.00000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Lead	0.00000	12.90000	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Mercury	0.00000	0.64999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	2-Methylnaphthalene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	n-Propylbenzene	0.00000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Tetrachloroethene	0.00000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	1,2,4-Trimethylbenzene	0.15999	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	1,3,5-Trimethylbenzene	0.14000	0.12999	3.5	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Aroclor-1016	0.00000	2.71000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Aroclor-1248	0.00000	2.71000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Aroclor-1254	0.00000	2.71000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Aroclor-1260	0.00000	2.71000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Aroclor-1268	0.00000	2.71000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Benzene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Benzo(a)anthracene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Benzo(a)pyrene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Benzo(b)fluoranthene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Benzo(k)fluoranthene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	n-Butylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	sec-Butylbenzene	0.15000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Chrysene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Dibenzo(a,h)anthracene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Isopropylbenzene	0.09000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	p-Isopropyltoluene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Lead	21.00000	13.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Mercury	0.00000	0.68000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	2-Methylnaphthalene	0.00000	0.40999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	n-Propylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Tetrachloroethene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	1,2,4-Trimethylbenzene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	1,3,5-Trimethylbenzene	0.11999	0.07000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Aroclor-1016	0.00000	3.16000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Aroclor-1248	0.00000	3.16000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Aroclor-1254	0.00000	3.16000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Aroclor-1260	0.00000	3.16000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Aroclor-1268	0.00000	3.16000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Benzene	0.00000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Benzo(a)anthracene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Benzo(a)pyrene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Benzo(b)fluoranthene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Benzo(k)fluoranthene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	n-Butylbenzene	4.10000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	sec-Butylbenzene	5.20000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Chrysene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Dibenzo(a,h)anthracene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Indeno(1,2,3-cd)pyrene	0.00000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Isopropylbenzene	7.70000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	p-Isopropyltoluene	0.00000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Lead	31.60000	15.80000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Mercury	0.00000	0.79000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	2-Methylnaphthalene	0.92000	0.46999	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	n-Propylbenzene	3.30000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Tetrachloroethene	0.00000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	1,2,4-Trimethylbenzene	5.20000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	1,3,5-Trimethylbenzene	5.20000	1.60000	3.0	4.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Aroclor-1016	0.00000	2.40000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Aroclor-1248	0.00000	2.40000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Aroclor-1254	0.00000	2.40000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Aroclor-1260	0.00000	2.40000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Aroclor-1268	0.00000	2.40000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Lead	61.20000	12.00000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Mercury	3.16000	0.60000	2.0	2.8	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Aroclor-1016	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Aroclor-1248	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Aroclor-1254	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Aroclor-1260	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Aroclor-1268	12.00000	2.21000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Benzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Benzo(a)anthracene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Benzo(a)pyrene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	n-Butylbenzene	0.18000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	sec-Butylbenzene	0.31000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Chrysene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Isopropylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	p-Isopropyltoluene	0.10999	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Lead	238.00000	11.00000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Mercury	12.50000	0.55000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	2-Methylnaphthalene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	n-Propylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Tetrachloroethene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	1,2,4-Trimethylbenzene	0.20000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Aroclor-1016	0.00000	2.40000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Aroclor-1248	0.00000	2.40000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Aroclor-1254	0.00000	2.40000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Aroclor-1260	0.00000	2.40000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Aroclor-1268	0.00000	2.40000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Benzene	0.00000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	n-Butylbenzene	4.30000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	sec-Butylbenzene	9.20000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Chrysene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Isopropylbenzene	6.40000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	p-Isopropyltoluene	0.00000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Lead	874.00000	12.00000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Mercury	3.65000	0.60000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	2-Methylnaphthalene	0.00000	0.36000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	n-Propylbenzene	3.20000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Tetrachloroethene	0.00000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	1,2,4-Trimethylbenzene	3.20000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	1,3,5-Trimethylbenzene	2.40000	0.25000	0.0	1.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Aroclor-1016	0.00000	2.13000	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Aroclor-1248	0.00000	2.13000	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Aroclor-1254	0.00000	2.13000	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Aroclor-1260	0.00000	2.13000	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Aroclor-1268	0.00000	2.13000	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Lead	15.40000	10.60000	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Mercury	4.04000	0.52999	0.0	1.3	2	0	comp	post excavation 3-pt west sidewall			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Aroclor-1016	0.00000	2.36000	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Aroclor-1248	0.00000	2.36000	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Aroclor-1254	0.00000	2.36000	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Aroclor-1260	0.00000	2.36000	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Aroclor-1268	0.00000	2.36000	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Lead	48.40000	11.80000	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Mercury	5.10000	0.58999	2.0	2.3	1	0	comp	post excavation 5-pt bottom			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Aroclor-1016	0.00000	2.27000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Aroclor-1248	0.00000	2.27000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Aroclor-1254	0.00000	2.27000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Aroclor-1260	0.00000	2.27000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Aroclor-1268	0.00000	2.27000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Lead	246.00000	11.30000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Mercury	10.40000	0.56999	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Aroclor-1016	0.00000	2.18000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Aroclor-1248	0.00000	2.18000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Aroclor-1254	0.00000	2.18000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Aroclor-1260	0.00000	2.18000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Aroclor-1268	0.00000	2.18000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Lead	46.20000	10.90000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Mercury	2.66000	0.54000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Aroclor-1016	0.00000	2.20000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Aroclor-1248	0.00000	2.20000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Aroclor-1254	0.00000	2.20000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Aroclor-1260	0.00000	2.20000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Aroclor-1268	0.00000	2.20000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Lead	137.00000	11.00000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Mercury	2.63000	0.55000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Aroclor-1016	0.00000	2.36000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Aroclor-1248	0.00000	2.36000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Aroclor-1254	0.00000	2.36000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Aroclor-1260	0.00000	2.36000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Aroclor-1268	0.00000	2.36000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Lead	4430.00000	11.80000	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Mercury	2.37000	0.58999	0.0	1.0	0	0	grab	delineation hand auger sample			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Aroclor-1016	0.00000	2.25000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Aroclor-1248	0.00000	2.25000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Aroclor-1254	0.00000	2.25000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Aroclor-1260	0.00000	2.25000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Aroclor-1268	0.00000	2.25000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Barium	0.00000	56.20000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Chrysene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Isopropylbenzene	0.05999	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Lead	18.50000	11.20000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Mercury	0.00000	0.56000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Aroclor-1016	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Aroclor-1248	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Aroclor-1254	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Aroclor-1260	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Aroclor-1268	0.00000	2.27000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Barium	0.00000	56.70000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Benzo(a)anthracene	0.97000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Benzo(a)pyrene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Benzo(b)fluoranthene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Benzo(k)fluoranthene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Chrysene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Dibenzo(a,h)anthracene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Indeno(1,2,3-cd)pyrene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Lead	0.00000	11.30000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Mercury	13.30000	0.56999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	2-Methylnaphthalene	0.00000	0.68000	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Aroclor-1016	0.00000	2.60000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Aroclor-1248	0.00000	2.60000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Aroclor-1254	0.00000	2.60000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Aroclor-1260	0.00000	2.60000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Aroclor-1268	0.00000	2.60000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Lead	19.80000	13.20000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Mercury	1.56000	0.66000	3.5	4.5	1	0	comp	post excavation 2-pt bottom			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Aroclor-1016	0.00000	2.45000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Aroclor-1248	0.00000	2.45000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Aroclor-1254	0.00000	2.45000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Aroclor-1260	0.00000	2.45000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Aroclor-1268	0.00000	2.45000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Barium	0.00000	61.30000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Lead	69.90000	12.30000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Aroclor-1016	0.00000	2.38000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Aroclor-1248	0.00000	2.38000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Aroclor-1254	0.00000	2.38000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Aroclor-1260	0.00000	2.38000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Aroclor-1268	0.00000	2.38000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Barium	0.00000	59.50000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Lead	16.10000	11.90000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Mercury	1.48000	0.58999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	dark brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Aroclor-1016	0.00000	2.43000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Aroclor-1248	0.00000	2.43000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Aroclor-1254	0.00000	2.43000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Aroclor-1260	0.00000	2.43000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Aroclor-1268	0.00000	2.43000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Barium	0.00000	60.80000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Lead	0.61000	12.20000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Mercury	0.00000	0.61000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	brown sand			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Aroclor-1016	0.00000	2.53000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Aroclor-1248	0.00000	2.53000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Aroclor-1254	0.00000	2.53000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Aroclor-1260	0.00000	2.53000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Aroclor-1268	0.00000	2.53000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Benzene	0.00000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Benzo(a)anthracene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Benzo(a)pyrene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Benzo(b)fluoranthene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Benzo(k)fluoranthene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	n-Butylbenzene	13.30000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	sec-Butylbenzene	21.90000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Chrysene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Dibenzo(a,h)anthracene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Isopropylbenzene	13.60000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	p-Isopropyltoluene	12.30000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Lead	12.60000	12.60000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Mercury	1.48000	0.62999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	2-Methylnaphthalene	0.00000	0.37999	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	n-Propylbenzene	5.10000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Tetrachloroethene	0.00000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	1,2,4-Trimethylbenzene	15.40000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	1,3,5-Trimethylbenzene	5.40000	1.30000	4.5	6.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Aroclor-1016	0.00000	2.20000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Aroclor-1248	0.00000	2.20000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Aroclor-1254	0.00000	2.20000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Aroclor-1260	0.00000	2.20000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Aroclor-1268	0.00000	2.20000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Lead	160.00000	11.00000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Mercury	20.80000	0.55000	0.0	1.0	0	0	grab	brown sand			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Aroclor-1016	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Aroclor-1248	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Aroclor-1254	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Aroclor-1260	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Aroclor-1268	0.00000	2.29000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Lead	81.20000	11.40000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Mercury	0.00000	0.56999	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Aroclor-1016	0.00000	2.53000	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Aroclor-1248	0.00000	2.53000	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Aroclor-1254	0.00000	2.53000	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Aroclor-1260	0.00000	2.53000	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Aroclor-1268	0.00000	2.53000	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Lead	12.70000	12.70000	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Mercury	0.00000	0.62999	1.0	2.0	0	0	grab	brown sand			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Aroclor-1016	0.00000	2.39000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Aroclor-1248	0.00000	2.39000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Aroclor-1254	0.00000	2.39000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Aroclor-1260	0.00000	2.39000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Aroclor-1268	0.00000	2.39000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Lead	207.00000	11.90000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Mercury	0.81999	0.60000	0.0	1.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Aroclor-1016	0.00000	2.36000	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Aroclor-1248	0.00000	2.36000	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Aroclor-1254	0.00000	2.36000	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Aroclor-1260	0.00000	2.36000	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Aroclor-1268	0.00000	2.36000	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Lead	214.00000	11.80000	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Mercury	1.63000	0.58999	1.0	2.0	0	0	grab	brown sand with black hard material			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Aroclor-1016	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Aroclor-1248	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Aroclor-1254	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Aroclor-1260	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Aroclor-1268	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Lead	2.35000	11.70000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Mercury	0.00000	0.58999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Aroclor-1016	0.00000	2.34000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Aroclor-1248	0.00000	2.34000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Aroclor-1254	3.20000	2.34000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Aroclor-1260	0.00000	2.34000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Aroclor-1268	3.10000	2.34000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Lead	86.50000	11.70000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96312-SRY-32	11/7/1996	96312-SRY-32	soil	861836.06	431708.56	Mercury	18.70000	0.57999	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Aroclor-1016	0.00000	2.22000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Aroclor-1248	0.00000	2.22000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Aroclor-1254	0.00000	2.22000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Aroclor-1260	0.00000	2.22000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Aroclor-1268	23.00000	2.22000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Lead	101.00000	11.10000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96312-SRY-33	11/7/1996	96312-SRY-33	soil	861817.75	431707.63	Mercury	19.50000	0.55000	0.0	3.0	2	0	comp	post excavation west sidewall 3-pt			0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Aroclor-1016	0.00000	2.31000	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Aroclor-1248	0.00000	2.31000	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Aroclor-1254	0.00000	2.31000	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Aroclor-1260	0.00000	2.31000	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Aroclor-1268	0.00000	2.31000	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Lead	383.00000	11.50000	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Mercury	0.00000	0.57999	1.0	1.5	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Aroclor-1016	0.00000	2.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Aroclor-1248	0.00000	2.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Aroclor-1254	0.00000	2.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Aroclor-1260	0.00000	2.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Aroclor-1268	0.00000	2.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Lead	13.20000	11.50000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Mercury	0.00000	0.56999	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Aroclor-1016	0.00000	2.35000	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Aroclor-1248	0.00000	2.35000	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Aroclor-1254	0.00000	2.35000	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Aroclor-1260	0.00000	2.35000	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Aroclor-1268	0.00000	2.35000	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Lead	630.00000	11.70000	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Mercury	0.52999	0.58999	0.5	3.5	2	0	comp	post excavation 3-pt southeast sidewall			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Aroclor-1016	0.00000	2.60000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Aroclor-1248	0.00000	2.60000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Aroclor-1254	0.00000	2.60000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Aroclor-1260	0.00000	2.60000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Aroclor-1268	0.00000	2.60000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Benzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Benzo(a)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Benzo(a)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Benzo(b)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Benzo(k)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	n-Butylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	sec-Butylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Chrysene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Dibenzo(a,h)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Isopropylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	p-Isopropyltoluene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Lead	97.00000	13.00000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Mercury	0.00000	0.64999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	2-Methylnaphthalene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	n-Propylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Tetrachloroethene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	1,2,4-Trimethylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	1,3,5-Trimethylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 3-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Aroclor-1016	0.00000	2.62000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Aroclor-1248	0.00000	2.62000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Aroclor-1254	0.00000	2.62000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Aroclor-1260	0.00000	2.62000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Aroclor-1268	0.00000	2.62000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Benzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Benzo(a)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Benzo(a)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Benzo(b)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Benzo(k)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	n-Butylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	sec-Butylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Chrysene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Dibenzo(a,h)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Isopropylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	p-Isopropyltoluene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Lead	71.40000	13.10000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Mercury	1.44000	0.66000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	2-Methylnaphthalene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	n-Propylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Tetrachloroethene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	1,2,4-Trimethylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	1,3,5-Trimethylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 4-pt bottom			0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Aroclor-1016	0.00000	2.65000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Aroclor-1248	0.00000	2.65000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Aroclor-1254	0.00000	2.65000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Aroclor-1260	0.00000	2.65000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Aroclor-1268	0.00000	2.65000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Benzene	20.20000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Benzo(a)anthracene	0.43999	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Benzo(a)pyrene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Benzo(b)fluoranthene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Benzo(k)fluoranthene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	n-Butylbenzene	8.90000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	sec-Butylbenzene	0.00000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Chrysene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Dibenzo(a,h)anthracene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Isopropylbenzene	15.60000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	p-Isopropyltoluene	6.70000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Lead	125.00000	13.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Mercury	0.00000	0.66000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	2-Methylnaphthalene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	n-Propylbenzene	0.00000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Tetrachloroethene	0.00000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	1,2,4-Trimethylbenzene	7.80000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	1,3,5-Trimethylbenzene	8.90000	6.60000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Aroclor-1016	0.00000	2.70000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Aroclor-1248	0.00000	2.70000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Aroclor-1254	0.00000	2.70000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Aroclor-1260	0.00000	2.70000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Aroclor-1268	0.00000	2.70000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Benzene	0.00000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Benzo(a)anthracene	0.51999	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Benzo(a)pyrene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Benzo(b)fluoranthene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Benzo(k)fluoranthene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	n-Butylbenzene	3.70000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	sec-Butylbenzene	5.20000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Chrysene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Dibenzo(a,h)anthracene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Isopropylbenzene	0.00000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	p-Isopropyltoluene	5.00000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Lead	639.00000	13.50000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Mercury	0.00000	0.67000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	2-Methylnaphthalene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	n-Propylbenzene	2.20000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Tetrachloroethene	0.00000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	1,2,4-Trimethylbenzene	4.30000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	1,3,5-Trimethylbenzene	6.80000	1.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Aroclor-1016	0.00000	2.41000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Aroclor-1248	0.00000	2.41000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Aroclor-1254	0.00000	2.41000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Aroclor-1260	0.00000	2.41000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Aroclor-1268	0.00000	2.41000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Lead	53.70000	12.10000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Mercury	0.00000	0.60000	1.5	1.8	1	0	comp	post excavation 4-pt bottom		NREA	0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Aroclor-1016	0.00000	2.65000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Aroclor-1248	0.00000	2.65000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Aroclor-1254	0.00000	2.65000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Aroclor-1260	0.00000	2.65000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Aroclor-1268	0.00000	2.65000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Lead	62.90000	13.20000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Mercury	0.81999	0.66000	1.3	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Aroclor-1016	0.00000	2.28000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Aroclor-1248	0.00000	2.28000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Aroclor-1254	0.00000	2.28000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Aroclor-1260	0.00000	2.28000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Aroclor-1268	5.70000	2.28000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Lead	125.00000	11.40000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96317-SRY-40	11/12/1996	96317-SRY-40	soil	861885.56	432246.13	Mercury	9.17000	0.56999	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Aroclor-1016	0.00000	2.40000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Aroclor-1248	0.00000	2.40000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Aroclor-1254	0.00000	2.40000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Aroclor-1260	0.00000	2.40000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Aroclor-1268	0.00000	2.40000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Benzene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Benzo(a)anthracene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Benzo(a)pyrene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Benzo(b)fluoranthene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Benzo(k)fluoranthene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	n-Butylbenzene	0.10999	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	sec-Butylbenzene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Chrysene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Dibenzo(a,h)anthracene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Isopropylbenzene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	p-Isopropyltoluene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Lead	112.00000	12.00000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Mercury	0.00000	0.60000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	2-Methylnaphthalene	0.00000	0.36000	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	n-Propylbenzene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Tetrachloroethene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.7	1.7	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Aroclor-1016	0.00000	2.41000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Aroclor-1248	0.00000	2.41000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Aroclor-1254	0.00000	2.41000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Aroclor-1260	0.00000	2.41000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Aroclor-1268	0.00000	2.41000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Benzo(a)anthracene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Benzo(a)pyrene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Benzo(b)fluoranthene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Benzo(k)fluoranthene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Chrysene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Lead	0.00000	12.00000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Mercury	2.73000	0.60000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	2-Methylnaphthalene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Aroclor-1016	0.00000	2.53000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Aroclor-1248	0.00000	2.53000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Aroclor-1254	0.00000	2.53000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Aroclor-1260	0.00000	2.53000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Aroclor-1268	0.00000	2.53000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Benzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Benzo(a)anthracene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Benzo(a)pyrene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Benzo(b)fluoranthene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Benzo(k)fluoranthene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	n-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Chrysene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Dibenzo(a,h)anthracene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Isopropylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	p-Isopropyltoluene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Lead	29.70000	12.60000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Mercury	0.77999	0.62999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	2-Methylnaphthalene	0.00000	0.37999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	n-Propylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Tetrachloroethene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Aroclor-1016	0.00000	2.23000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Aroclor-1248	0.00000	2.23000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Aroclor-1254	2.90000	2.23000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Aroclor-1260	0.00000	2.23000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Aroclor-1268	9.10000	2.23000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Benzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Benzo(a)anthracene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Benzo(a)pyrene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Benzo(k)fluoranthene	0.46000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	n-Butylbenzene	0.56000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	sec-Butylbenzene	0.36000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Chrysene	1.20000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Isopropylbenzene	0.20999	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	p-Isopropyltoluene	0.50999	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Lead	26.30000	11.20000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Mercury	1.89000	0.56000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	2-Methylnaphthalene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	n-Propylbenzene	0.07000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Tetrachloroethene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	1,2,4-Trimethylbenzene	0.10999	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Aroclor-1016	0.00000	2.26000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Aroclor-1248	0.00000	2.26000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Aroclor-1254	0.00000	2.26000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Aroclor-1260	0.00000	2.26000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Aroclor-1268	0.00000	2.26000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Benzo(a)anthracene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Benzo(a)pyrene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Benzo(b)fluoranthene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Benzo(k)fluoranthene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Chrysene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Lead	32.80000	11.30000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Mercury	0.00000	0.56000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	2-Methylnaphthalene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Aroclor-1016	0.00000	2.40000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Aroclor-1248	0.00000	2.40000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Aroclor-1254	0.00000	2.40000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Aroclor-1260	0.00000	2.40000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Aroclor-1268	0.00000	2.40000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Benzo(a)anthracene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Benzo(a)pyrene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Benzo(b)fluoranthene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Benzo(k)fluoranthene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Chrysene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Lead	468.00000	12.00000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Mercury	0.00000	0.60000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	2-Methylnaphthalene	0.00000	0.36000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Aroclor-1016	0.00000	2.48000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Aroclor-1248	0.00000	2.48000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Aroclor-1254	0.00000	2.48000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Aroclor-1260	0.00000	2.48000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Aroclor-1268	0.00000	2.48000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Lead	231.00000	12.40000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Mercury	0.70999	0.62000	0.0	1.5	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Aroclor-1016	0.00000	2.20000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Aroclor-1248	0.00000	2.20000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Aroclor-1254	0.00000	2.20000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Aroclor-1260	0.00000	2.20000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Aroclor-1268	0.00000	2.20000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Lead	29.00000	11.00000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Mercury	0.00000	0.55000	0.0	1.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Aroclor-1016	0.00000	2.15000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Aroclor-1248	0.00000	2.15000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Aroclor-1254	0.00000	2.15000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Aroclor-1260	0.00000	2.15000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Aroclor-1268	0.00000	2.15000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Lead	132.00000	10.70000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Mercury	0.00000	0.54000	0.0	1.3	2	0	comp	post excavation 3-pt north sidewall			0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Aroclor-1016	0.00000	2.33000	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Aroclor-1248	0.00000	2.33000	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Aroclor-1254	0.00000	2.33000	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Aroclor-1260	0.00000	2.33000	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Aroclor-1268	0.00000	2.33000	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Benzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Benzo(a)anthracene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Benzo(a)pyrene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Benzo(b)fluoranthene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Benzo(k)fluoranthene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	n-Butylbenzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	sec-Butylbenzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Chrysene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Isopropylbenzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	p-Isopropyltoluene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Lead	65.80000	11.70000	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Mercury	0.00000	0.57999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	2-Methylnaphthalene	0.00000	0.34999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	n-Propylbenzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Tetrachloroethene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	1.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Aroclor-1016	0.00000	2.70000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Aroclor-1248	0.00000	2.70000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Aroclor-1254	0.00000	2.70000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Aroclor-1260	0.00000	2.70000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Aroclor-1268	0.00000	2.70000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Benzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	n-Butylbenzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	sec-Butylbenzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Isopropylbenzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	p-Isopropyltoluene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Lead	115.00000	13.50000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Mercury	0.00000	0.67000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	n-Propylbenzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Tetrachloroethene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	1,2,4-Trimethylbenzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	1,3,5-Trimethylbenzene	0.00000	0.07000	4.0	4.0	1	0	comp	post excavation 2-pt bottom		NREA	0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Aroclor-1016	0.00000	2.16000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Aroclor-1248	0.00000	2.16000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Aroclor-1254	0.00000	2.16000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Aroclor-1260	0.00000	2.16000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Aroclor-1268	0.00000	2.16000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Barium	0.00000	53.90000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Benzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Benzo(b)fluoranthene	0.38999	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Chrysene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Lead	25.90000	10.80000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Mercury	0.00000	0.54000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown silty sand, some black granular material			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Aroclor-1016	0.00000	2.40000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Aroclor-1248	0.00000	2.40000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Aroclor-1254	0.00000	2.40000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Aroclor-1260	0.00000	2.40000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Aroclor-1268	0.00000	2.40000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Barium	0.00000	59.90000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Benzo(a)anthracene	0.41999	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Benzo(k)fluoranthene	0.64999	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	n-Butylbenzene	0.25999	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	sec-Butylbenzene	0.69999	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Chrysene	0.88999	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	p-Isopropyltoluene	0.41999	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Lead	0.00000	12.00000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Mercury	0.00000	0.60000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	n-Propylbenzene	0.33000	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	1,2,4-Trimethylbenzene	0.12999	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	1,3,5-Trimethylbenzene	0.34000	0.05999	2.0	3.0	0	0	comp/grab	brown moist sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Aroclor-1016	0.00000	2.28000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Aroclor-1248	0.00000	2.28000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Aroclor-1254	0.00000	2.28000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Aroclor-1260	0.00000	2.28000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Aroclor-1268	0.00000	2.28000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Barium	0.00000	57.00000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Chrysene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Lead	20.50000	11.40000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Mercury	0.00000	0.56999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	dark gray & brown loamy sand			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Aroclor-1016	0.00000	2.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Aroclor-1248	0.00000	2.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Aroclor-1254	0.00000	2.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Aroclor-1260	0.00000	2.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Aroclor-1268	0.00000	2.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Barium	0.00000	62.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Chrysene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Lead	0.00000	12.50000	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Mercury	0.00000	0.62999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown sand, one point stained black			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Aroclor-1016	0.00000	2.14000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Aroclor-1248	0.00000	2.14000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Aroclor-1254	0.00000	2.14000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Aroclor-1260	0.00000	2.14000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Aroclor-1268	0.00000	2.14000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Barium	0.00000	53.40000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Benzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Chrysene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Lead	16.00000	10.70000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Mercury	0.00000	0.52999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown loamy sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Aroclor-1016	0.00000	2.19000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Aroclor-1248	0.00000	2.19000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Aroclor-1254	0.00000	2.19000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Aroclor-1260	0.00000	2.19000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Aroclor-1268	0.00000	2.19000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Barium	0.00000	54.70000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Chrysene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Lead	0.00000	10.90000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Mercury	0.00000	0.55000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	light brown-orange sand			0	QAL
96327-01	11/22/1996	96327-01	soil	862298.13	432678.91	Lead	169.00000	11.60000	0.0	1.0	0	0	grab	brown sand with gravel size hard black material			0	QAL
96327-01	11/22/1996	96327-01	soil	862298.13	432678.91	Mercury	2.16000	0.57999	0.0	1.0	0	0	grab	brown sand with gravel size hard black material			0	QAL
96327-02	11/22/1996	96327-02	soil	862248.13	432738.91	Lead	249.00000	11.50000	0.0	1.0	0	0	grab	orange-brown sand, organics, brick pieces			0	QAL
96327-02	11/22/1996	96327-02	soil	862248.13	432738.91	Mercury	2.55000	0.56999	0.0	1.0	0	0	grab	orange-brown sand, organics, brick pieces			0	QAL
96327-03	11/22/1996	96327-03	soil	862238.13	432758.91	Lead	265.00000	11.20000	0.0	1.0	0	0	grab	black hard granular material and brown sand			0	QAL
96327-03	11/22/1996	96327-03	soil	862238.13	432758.91	Mercury	2.14000	0.56000	0.0	1.0	0	0	grab	black hard granular material and brown sand			0	QAL
96327-04	11/22/1996	96327-04	soil	862358.13	432788.91	Lead	176.00000	11.10000	0.0	1.0	0	0	grab	brown sand with gravel size hard black material			0	QAL
96327-04	11/22/1996	96327-04	soil	862358.13	432788.91	Mercury	0.00000	0.56000	0.0	1.0	0	0	grab	brown sand with gravel size hard black material			0	QAL
96327-06	11/22/1996	96327-06	soil	862298.13	432848.91	Lead	559.00000	11.50000	0.0	0.5	0	0	grab	brown loamy sand, organics, white gravel size material			0	QAL
96327-06	11/22/1996	96327-06	soil	862298.13	432848.91	Mercury	2.03000	0.56999	0.0	0.5	0	0	grab	brown loamy sand, organics, white gravel size material			0	QAL
96327-07	11/22/1996	96327-07	soil	862248.13	432838.91	Lead	95.60000	10.50000	0.0	1.0	0	0	grab	gray fiberous material, brown loamy sand			0	QAL
96327-07	11/22/1996	96327-07	soil	862248.13	432838.91	Mercury	0.67000	0.52999	0.0	1.0	0	0	grab	gray fiberous material, brown loamy sand			0	QAL
96327-08	11/22/1996	96327-08	soil	862348.13	432958.91	Lead	239.00000	11.30000	0.0	1.0	0	0	grab	dark brown loamy asnd, organics			0	QAL
96327-08	11/22/1996	96327-08	soil	862348.13	432958.91	Mercury	0.76999	0.56999	0.0	1.0	0	0	grab	dark brown loamy asnd, organics			0	QAL
96327-09	11/22/1996	96327-09	soil	862298.13	432968.91	Lead	74.70000	11.30000	0.0	1.0	0	0	grab	black hard granlar material & brown sand			0	QAL
96327-09	11/22/1996	96327-09	soil	862298.13	432968.91	Mercury	0.00000	0.56999	0.0	1.0	0	0	grab	black hard granlar material & brown sand			0	QAL
96327-10	11/22/1996	96327-10	soil	862288.13	432998.91	Lead	122.00000	11.50000	0.0	1.0	0	0	grab	black hard granlar material & tan sand			0	QAL
96327-10	11/22/1996	96327-10	soil	862288.13	432998.91	Mercury	0.00000	0.56999	0.0	1.0	0	0	grab	black hard granlar material & tan sand			0	QAL
96327-11	11/22/1996	96327-11	soil	862308.13	432998.91	Lead	218.00000	11.10000	0.0	1.0	0	0	grab	brown loamy sand. organics			0	QAL
96327-11	11/22/1996	96327-11	soil	862308.13	432998.91	Mercury	1.18000	0.55000	0.0	1.0	0	0	grab	brown loamy sand. organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Aroclor-1016	0.00000	2.22000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Aroclor-1248	0.00000	2.22000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Aroclor-1254	0.00000	2.22000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Aroclor-1260	0.00000	2.22000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Aroclor-1268	0.00000	2.22000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Barium	0.00000	55.50000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Chrysene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Lead	21.10000	11.10000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Mercury	0.31000	0.55000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown sand, organics			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Aroclor-1016	0.00000	2.64000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Aroclor-1248	0.00000	2.64000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Aroclor-1254	0.00000	2.64000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Aroclor-1260	0.00000	2.64000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Aroclor-1268	0.00000	2.64000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Barium	0.00000	65.90000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Benzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Lead	17.80000	13.20000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Mercury	0.00000	0.66000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	comp/grab	brown wet sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Aroclor-1016	0.00000	2.13000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Aroclor-1248	0.00000	2.13000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Aroclor-1254	0.00000	2.13000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Aroclor-1260	0.00000	2.13000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Aroclor-1268	0.00000	2.13000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Barium	0.00000	53.10000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Benzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Benzo(a)anthracene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Benzo(a)pyrene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	n-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	sec-Butylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Chrysene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Isopropylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	p-Isopropyltoluene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Lead	46.80000	10.60000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Mercury	0.00000	0.52999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	2-Methylnaphthalene	0.00000	0.31999	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	n-Propylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Tetrachloroethene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.0	0	0	comp/grab	brown & light tan sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Aroclor-1016	0.00000	2.17000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Aroclor-1248	0.00000	2.17000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Aroclor-1254	0.00000	2.17000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Aroclor-1260	0.00000	2.17000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Aroclor-1268	0.00000	2.17000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Barium	0.00000	54.20000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Benzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Benzo(a)anthracene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Benzo(a)pyrene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Benzo(b)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Benzo(k)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	n-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	sec-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Chrysene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Isopropylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	p-Isopropyltoluene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Lead	26.00000	10.80000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Mercury	0.00000	0.54000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	2-Methylnaphthalene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	n-Propylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Tetrachloroethene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	1,2,4-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	1,3,5-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	light & dark brown sand			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Benzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Benzo(a)anthracene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Benzo(a)pyrene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Benzo(b)fluoranthene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Benzo(k)fluoranthene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	n-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Chrysene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Dibenzo(a,h)anthracene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Isopropylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	p-Isopropyltoluene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Lead	285.00000	12.40000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Mercury	0.00000	0.62000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	2-Methylnaphthalene	0.00000	0.37000	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	n-Propylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Tetrachloroethene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp/grab	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Aroclor-1016	0.00000	2.58000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Aroclor-1248	0.00000	2.58000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Aroclor-1254	0.00000	2.58000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Aroclor-1260	0.00000	2.58000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Aroclor-1268	0.00000	2.58000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Benzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Benzo(a)anthracene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Benzo(a)pyrene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Benzo(b)fluoranthene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Benzo(k)fluoranthene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	n-Butylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	sec-Butylbenzene	0.15999	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Chrysene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Isopropylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	p-Isopropyltoluene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Lead	91.10000	12.90000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Mercury	0.00000	0.64999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	2-Methylnaphthalene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	n-Propylbenzene	0.10999	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Tetrachloroethene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Aroclor-1016	0.00000	2.39000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Aroclor-1248	0.00000	2.39000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Aroclor-1254	0.00000	2.39000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Aroclor-1260	0.00000	2.39000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Aroclor-1268	0.00000	2.39000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Barium	0.00000	59.70000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Chrysene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Lead	14.90000	11.90000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Mercury	0.75999	0.60000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	2-Methylnaphthalene	0.00000	0.36000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Aroclor-1016	0.00000	2.59000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Aroclor-1248	0.00000	2.59000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Aroclor-1254	0.00000	2.59000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Aroclor-1260	0.00000	2.59000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Aroclor-1268	0.00000	2.59000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Barium	0.00000	64.90000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Chrysene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Lead	0.00000	13.00000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Mercury	0.00000	0.64999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Aroclor-1016	0.00000	2.26000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Aroclor-1248	0.00000	2.26000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Aroclor-1254	0.00000	2.26000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Aroclor-1260	0.00000	2.26000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Aroclor-1268	0.00000	2.26000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Barium	0.00000	56.40000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Chrysene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Lead	28.20000	11.30000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Mercury	1.31000	0.56000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & gray loamy sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Aroclor-1016	0.00000	2.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Aroclor-1248	0.00000	2.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Aroclor-1254	0.00000	2.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Aroclor-1260	0.00000	2.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Aroclor-1268	0.00000	2.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Barium	0.00000	62.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Chrysene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Lead	0.00000	12.50000	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Mercury	0.00000	0.62999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown and gray wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Aroclor-1016	0.00000	2.33000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Aroclor-1248	0.00000	2.33000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Aroclor-1254	0.00000	2.33000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Aroclor-1260	0.00000	2.33000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Aroclor-1268	0.00000	2.33000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Barium	0.00000	58.20000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Chrysene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Lead	0.00000	11.60000	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Mercury	0.00000	0.57999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown wet sand			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Aroclor-1016	0.00000	2.52000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Aroclor-1248	0.00000	2.52000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Aroclor-1254	0.00000	2.52000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Aroclor-1260	0.00000	2.52000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Aroclor-1268	0.00000	2.52000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Barium	0.00000	63.10000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Chrysene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Lead	18.30000	12.60000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Mercury	0.00000	0.62999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	1,3,5-Trimethylbenzene	0.12999	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Aroclor-1016	0.00000	2.25000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Aroclor-1248	0.00000	2.25000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Aroclor-1254	0.00000	2.25000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Aroclor-1260	0.00000	2.25000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Aroclor-1268	0.00000	2.25000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Barium	0.00000	56.20000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Chrysene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Lead	32.60000	11.20000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Mercury	0.00000	0.56000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	brown & light gray sand			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Aroclor-1016	0.00000	2.39000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Aroclor-1248	0.00000	2.39000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Aroclor-1254	0.00000	2.39000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Aroclor-1260	0.00000	2.39000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Aroclor-1268	0.00000	2.39000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Barium	0.00000	59.70000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Benzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Chrysene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	p-Isopropyltoluene	0.47999	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Lead	17.90000	11.90000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Mercury	0.00000	0.60000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	n-Propylbenzene	0.10000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	1,3,5-Trimethylbenzene	0.28000	0.05999	2.0	3.0	0	0	comp/grab	brown sand, pine wood bark			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Benzene	0.00000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Benzo(a)anthracene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Benzo(a)pyrene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Benzo(b)fluoranthene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Benzo(k)fluoranthene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	n-Butylbenzene	5.80000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	sec-Butylbenzene	8.60000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Chrysene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Isopropylbenzene	0.00000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	p-Isopropyltoluene	0.00000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Lead	26.60000	13.00000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Mercury	0.00000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	2-Methylnaphthalene	1.50000	0.38999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	n-Propylbenzene	2.70000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Tetrachloroethene	0.00000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	1,2,4-Trimethylbenzene	3.10000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	1,3,5-Trimethylbenzene	1.10000	0.64999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Benzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Benzo(a)anthracene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Benzo(a)pyrene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Benzo(b)fluoranthene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Benzo(k)fluoranthene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	n-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	sec-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Chrysene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Isopropylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	p-Isopropyltoluene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Lead	507.00000	12.20000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Mercury	1.52000	0.61000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	2-Methylnaphthalene	0.00000	0.37000	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	n-Propylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Tetrachloroethene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Benzene	0.00000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Benzo(a)anthracene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Benzo(a)pyrene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Benzo(b)fluoranthene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Benzo(k)fluoranthene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	n-Butylbenzene	4.40000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	sec-Butylbenzene	6.10000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Chrysene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Dibenzo(a,h)anthracene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Isopropylbenzene	8.90000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	p-Isopropyltoluene	3.20000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Lead	117.00000	12.60000	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Mercury	0.00000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	2-Methylnaphthalene	0.86000	0.37999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	n-Propylbenzene	2.10000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Tetrachloroethene	0.00000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	1,2,4-Trimethylbenzene	4.70000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	1,3,5-Trimethylbenzene	4.10000	0.62999	1.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Benzene	0.00000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Benzo(a)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Benzo(a)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Benzo(b)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Benzo(k)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	n-Butylbenzene	14.80000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	sec-Butylbenzene	8.10000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Chrysene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Isopropylbenzene	12.80000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	p-Isopropyltoluene	7.70000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Lead	299.00000	13.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Mercury	0.00000	0.66000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	2-Methylnaphthalene	3.49000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	n-Propylbenzene	3.80000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Tetrachloroethene	0.00000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	1,2,4-Trimethylbenzene	16.50000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	1,3,5-Trimethylbenzene	13.00000	1.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Benzene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Benzo(a)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Benzo(a)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Benzo(b)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Benzo(k)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	n-Butylbenzene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	sec-Butylbenzene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Chrysene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Isopropylbenzene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	p-Isopropyltoluene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Lead	26.70000	13.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Mercury	0.00000	0.67000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	2-Methylnaphthalene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	n-Propylbenzene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Tetrachloroethene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	1,2,4-Trimethylbenzene	0.00000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	1,3,5-Trimethylbenzene	0.68000	0.27000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	sec-Butylbenzene	0.15000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Chrysene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Isopropylbenzene	0.15000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	p-Isopropyltoluene	0.07000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Lead	86.60000	12.60000	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Mercury	0.00000	0.62999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	1,2,4-Trimethylbenzene	0.07000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	1,3,5-Trimethylbenzene	0.07000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 4-pt			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Benzene	0.00000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Benzo(a)anthracene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Benzo(a)pyrene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Benzo(b)fluoranthene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Benzo(k)fluoranthene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	n-Butylbenzene	1.10000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	sec-Butylbenzene	1.70000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Chrysene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Isopropylbenzene	1.40000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	p-Isopropyltoluene	0.00000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Lead	176.00000	13.20000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Mercury	0.00000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	2-Methylnaphthalene	0.46000	0.40000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	n-Propylbenzene	0.00000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Tetrachloroethene	0.00000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	1,2,4-Trimethylbenzene	0.00000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	1,3,5-Trimethylbenzene	1.20000	0.66000	2.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Benzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Benzo(a)anthracene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Benzo(a)pyrene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Benzo(b)fluoranthene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Benzo(k)fluoranthene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	n-Butylbenzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	sec-Butylbenzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Chrysene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Isopropylbenzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	p-Isopropyltoluene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Lead	28.40000	13.20000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Mercury	0.00000	0.66000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	2-Methylnaphthalene	0.00000	0.40000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	n-Propylbenzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Tetrachloroethene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	1,2,4-Trimethylbenzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	1,3,5-Trimethylbenzene	0.00000	0.07000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Benzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Benzo(a)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Benzo(a)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Benzo(b)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Benzo(k)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	n-Butylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	sec-Butylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Chrysene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Isopropylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	p-Isopropyltoluene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Lead	0.00000	13.30000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Mercury	0.00000	0.67000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	2-Methylnaphthalene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	n-Propylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Tetrachloroethene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	1,2,4-Trimethylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	1,3,5-Trimethylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Benzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Benzo(a)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Benzo(a)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Benzo(b)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Benzo(k)fluoranthene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	n-Butylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	sec-Butylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Chrysene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Dibenzo(a,h)anthracene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Isopropylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	p-Isopropyltoluene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Lead	20.70000	13.20000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Mercury	0.00000	0.66000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	2-Methylnaphthalene	0.00000	0.40000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	n-Propylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Tetrachloroethene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	1,2,4-Trimethylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	1,3,5-Trimethylbenzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Aluminum	4020.00000	10.50000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Antimony	0.00000	1.40000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Aroclor-1016	0.00000	0.03900	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Aroclor-1248	0.00000	0.03900	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Aroclor-1254	0.00000	0.03900	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Aroclor-1260	0.00000	0.03900	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Aroclor-1268	0.00000	0.03900	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Arsenic	0.77999	1.10000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Barium	12.30000	0.07000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Benzene	0.00700	0.06000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Benzo(a)anthracene	0.21000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Benzo(a)pyrene	0.00000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Benzo(b)fluoranthene	0.00000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Benzo(k)fluoranthene	0.00000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Chromium	2.50000	0.11999	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Chrysene	0.20000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Copper	1.50000	0.23999	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Dibenzo(a,h)anthracene	0.00000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Iron	1350.00000	1.20000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Lead	12.00000	0.68999	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Manganese	21.90000	0.10000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Mercury	0.08500	0.05950	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	2-Methylnaphthalene	7.80000	1.60000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Nickel	0.70999	0.23999	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Silver	0.00000	0.55000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Tetrachloroethene	0.00000	0.06000	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Vanadium	2.20000	0.20999	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	433295.75	Zinc	7.30000	0.25999	3.0	5.5	1	0	comp	post excavation 5-pt bottom			0	Cor
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Chrysene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Lead	15.70000	12.10000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Mercury	0.00000	0.61000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Benzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Benzo(a)anthracene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Benzo(a)pyrene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Benzo(b)fluoranthene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Benzo(k)fluoranthene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	n-Butylbenzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	sec-Butylbenzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Chrysene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Isopropylbenzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	p-Isopropyltoluene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Lead	219.00000	13.30000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Mercury	0.00000	0.67000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	2-Methylnaphthalene	0.00000	0.40000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	n-Propylbenzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Tetrachloroethene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Aluminum	2660.00000	9.50000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Antimony	0.00000	1.30000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Aroclor-1268	0.00000	0.03500	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Arsenic	0.63999	1.00000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Barium	7.20000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Benzo(a)pyrene	0.00000	0.71000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Benzo(b)fluoranthene	0.00000	0.35000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Benzo(k)fluoranthene	0.00000	0.35000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Chromium	2.20000	0.10999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Chrysene	0.00000	0.71000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Copper	1.70000	0.20999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Indeno(1,2,3-cd)pyrene	0.00000	0.71000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Iron	1530.00000	1.10000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Lead	19.70000	0.62000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Manganese	14.10000	0.09000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Mercury	0.15600	0.05370	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Nickel	0.73000	0.20999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Silver	0.00000	0.49000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Vanadium	4.50000	0.18999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Zinc	5.60000	0.23999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Aroclor-1016	0.00000	2.17000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Aroclor-1248	0.00000	2.17000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Aroclor-1254	0.00000	2.17000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Aroclor-1260	0.00000	2.17000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Aroclor-1268	0.00000	2.17000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Barium	0.00000	54.20000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Benzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Benzo(a)anthracene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Benzo(a)pyrene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Benzo(b)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Benzo(k)fluoranthene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	n-Butylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	sec-Butylbenzene	0.10000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Chrysene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Isopropylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	p-Isopropyltoluene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Lead	0.00000	10.80000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Mercury	0.00000	0.54000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	2-Methylnaphthalene	0.00000	0.33000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	n-Propylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Tetrachloroethene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	1,2,4-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	1,3,5-Trimethylbenzene	0.00000	0.05000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Aroclor-1016	0.00000	2.45000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Aroclor-1248	0.00000	2.45000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Aroclor-1254	0.00000	2.45000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Aroclor-1260	0.00000	2.45000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Aroclor-1268	0.00000	2.45000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Barium	0.00000	61.30000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Benzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Benzo(a)anthracene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Benzo(a)pyrene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Benzo(b)fluoranthene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Benzo(k)fluoranthene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Chrysene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Lead	26.30000	12.30000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Mercury	0.72000	0.61000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	2-Methylnaphthalene	0.00000	0.37000	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	comp/grab	phase II upland soil sample			0	QAL
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aluminum	1310.00000	10.50000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Antimony	0.00000	1.40000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aroclor-1016	0.00000	0.03900	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aroclor-1248	0.00000	0.03900	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aroclor-1254	0.00000	0.03900	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aroclor-1260	0.00000	0.03900	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aroclor-1268	0.00000	0.03900	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Arsenic	0.00000	1.10000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Barium	2.00000	0.07000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Benzo(a)anthracene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Benzo(a)pyrene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Benzo(b)fluoranthene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Benzo(k)fluoranthene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Chromium	1.30000	0.11999	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Chrysene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Copper	0.47999	0.23999	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Dibenzo(a,h)anthracene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Iron	217.00000	1.20000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Lead	1.70000	0.68999	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Manganese	0.60000	0.10000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Mercury	0.10500	0.05950	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	2-Methylnaphthalene	0.00000	0.39000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Nickel	0.00000	0.23999	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Silver	0.00000	0.55000	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Vanadium	1.10000	0.20999	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Zinc	1.50000	0.25999	2.0	3.0	0	0	comp/grab	phase II upland soil sample			0	Cor
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Aroclor-1016	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Aroclor-1248	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Aroclor-1254	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Aroclor-1260	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Aroclor-1268	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Lead	17.60000	11.70000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Mercury	6.20000	0.58999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Aroclor-1016	0.00000	2.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Aroclor-1248	0.00000	2.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Aroclor-1254	0.00000	2.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Aroclor-1260	0.00000	2.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Aroclor-1268	0.00000	2.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Lead	17.50000	11.70000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Mercury	5.82000	0.57999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Benzene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Benzo(a)anthracene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Benzo(a)pyrene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Benzo(b)fluoranthene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Benzo(k)fluoranthene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	n-Butylbenzene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	sec-Butylbenzene	0.10000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Chrysene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Dibenzo(a,h)anthracene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Isopropylbenzene	0.41999	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	p-Isopropyltoluene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Lead	0.00000	12.50000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Mercury	0.00000	0.62000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	2-Methylnaphthalene	0.00000	0.37000	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	n-Propylbenzene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Tetrachloroethene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	1,2,4-Trimethylbenzene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	1,3,5-Trimethylbenzene	0.00000	0.05999	2.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Aroclor-1016	0.00000	2.28000	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Aroclor-1248	0.00000	2.28000	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Aroclor-1254	0.00000	2.28000	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Aroclor-1260	0.00000	2.28000	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Aroclor-1268	0.00000	2.28000	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Lead	0.00000	11.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Mercury	5.72000	0.56999	4.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Benzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Benzo(a)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Benzo(a)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Benzo(b)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Benzo(k)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	n-Butylbenzene	0.15000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	sec-Butylbenzene	0.15000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Chrysene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Dibenzo(a,h)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Isopropylbenzene	0.21999	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	p-Isopropyltoluene	0.10000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Lead	44.90000	12.00000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Mercury	0.00000	0.60000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	2-Methylnaphthalene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	n-Propylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Tetrachloroethene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	1,2,4-Trimethylbenzene	0.27000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	1,3,5-Trimethylbenzene	0.18000	0.05999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Benzene	0.00000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Benzo(a)anthracene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Benzo(a)pyrene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Benzo(b)fluoranthene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Benzo(k)fluoranthene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	n-Butylbenzene	0.07999	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	sec-Butylbenzene	0.00000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Chrysene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Dibenzo(a,h)anthracene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Indeno(1,2,3-cd)pyrene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Isopropylbenzene	0.00000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	p-Isopropyltoluene	0.00000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Lead	0.00000	13.90000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Mercury	0.00000	0.69999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	2-Methylnaphthalene	0.00000	0.41999	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	n-Propylbenzene	0.07000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Tetrachloroethene	0.00000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	1,2,4-Trimethylbenzene	0.18999	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	1,3,5-Trimethylbenzene	0.17000	0.07000	2.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Chrysene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Lead	0.00000	12.30000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Mercury	0.00000	0.62000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Benzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	n-Butylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Chrysene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Isopropylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Lead	0.00000	13.50000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Mercury	0.00000	0.67000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	n-Propylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Tetrachloroethene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	1,2,4-Trimethylbenzene	0.09000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Benzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Benzo(a)anthracene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Benzo(a)pyrene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Benzo(b)fluoranthene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Benzo(k)fluoranthene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	n-Butylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	sec-Butylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Chrysene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Isopropylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	p-Isopropyltoluene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Lead	0.00000	12.70000	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Mercury	0.00000	0.62999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	2-Methylnaphthalene	0.00000	0.37999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	n-Propylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Tetrachloroethene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Benzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Benzo(a)anthracene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Benzo(a)pyrene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Benzo(b)fluoranthene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Benzo(k)fluoranthene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	n-Butylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Chrysene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Dibenzo(a,h)anthracene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Isopropylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Lead	29.90000	13.60000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Mercury	0.00000	0.68000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	2-Methylnaphthalene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	n-Propylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Tetrachloroethene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Benzo(a)anthracene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Benzo(a)pyrene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Benzo(b)fluoranthene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Benzo(k)fluoranthene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Chrysene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Dibenzo(a,h)anthracene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Lead	37.30000	11.50000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Mercury	0.00000	0.56999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	2-Methylnaphthalene	0.00000	0.40999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Benzene	0.00000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Benzo(a)anthracene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Benzo(a)pyrene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Benzo(b)fluoranthene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Benzo(k)fluoranthene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	n-Butylbenzene	0.00000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	sec-Butylbenzene	0.00000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Chrysene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Isopropylbenzene	0.00000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	p-Isopropyltoluene	0.00000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Lead	11.50000	11.00000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Mercury	0.00000	0.55000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	2-Methylnaphthalene	0.00000	0.33000	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	n-Propylbenzene	0.15000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Tetrachloroethene	0.00000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	1,2,4-Trimethylbenzene	0.18000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	1,3,5-Trimethylbenzene	0.15000	0.05999	0.0	2.3	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Benzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Benzo(a)anthracene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Benzo(a)pyrene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Benzo(b)fluoranthene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Benzo(k)fluoranthene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	n-Butylbenzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	sec-Butylbenzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Chrysene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Isopropylbenzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	p-Isopropyltoluene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Lead	38.10000	11.20000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Mercury	0.00000	0.56000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	2-Methylnaphthalene	0.00000	0.34000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	n-Propylbenzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Tetrachloroethene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	2.3	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97008-NRA-160	1/8/1997	97008-NRA-160	soil	862201.25	433327.06	Lead	26.00000	11.10000	0.0	3.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-160	1/8/1997	97008-NRA-160	soil	862201.25	433327.06	Mercury	0.00000	0.55000	0.0	3.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Benzene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Benzo(a)anthracene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Benzo(a)pyrene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Benzo(b)fluoranthene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Benzo(k)fluoranthene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	n-Butylbenzene	0.28000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	sec-Butylbenzene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Chrysene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Dibenzo(a,h)anthracene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Isopropylbenzene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	p-Isopropyltoluene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Lead	19.90000	12.90000	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Mercury	1.44000	0.63999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	2-Methylnaphthalene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	n-Propylbenzene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Tetrachloroethene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	1,2,4-Trimethylbenzene	0.38999	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	1,3,5-Trimethylbenzene	0.28999	0.25999	2.5	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Aroclor-1016	0.00000	2.24000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Aroclor-1248	0.00000	2.24000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Aroclor-1254	0.00000	2.24000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Aroclor-1260	0.00000	2.24000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Aroclor-1268	0.00000	2.24000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Lead	15.10000	11.20000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Mercury	1.17000	0.56000	0.0	1.0	1	0	comp	post excavation below west BMI1 berm, 5-pt			0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Benzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Benzo(a)anthracene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Benzo(a)pyrene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	n-Butylbenzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Chrysene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Isopropylbenzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Lead	70.20000	12.10000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Mercury	0.00000	0.61000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	2-Methylnaphthalene	0.00000	0.36000	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	n-Propylbenzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Tetrachloroethene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Benzene	0.00000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Benzo(a)anthracene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Benzo(a)pyrene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Benzo(b)fluoranthene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Benzo(k)fluoranthene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	n-Butylbenzene	73.60000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	sec-Butylbenzene	29.40000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Chrysene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Dibenzo(a,h)anthracene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Isopropylbenzene	49.40000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	p-Isopropyltoluene	26.40000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Lead	0.00000	13.10000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Mercury	0.00000	0.64999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	2-Methylnaphthalene	0.00000	0.38999	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	n-Propylbenzene	27.90000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Tetrachloroethene	0.00000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	1,2,4-Trimethylbenzene	85.30000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	1,3,5-Trimethylbenzene	58.90000	1.30000	4.0	4.0	1	0	grab	post excavation bottom		NREA	0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Aroclor-1016	0.00000	2.13000	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Aroclor-1248	0.00000	2.13000	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Aroclor-1254	0.00000	2.13000	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Aroclor-1260	0.00000	2.13000	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Aroclor-1268	0.00000	2.13000	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Lead	29.30000	10.70000	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Mercury	0.00000	0.52999	0.5	1.0	0	0	comp	east BMI2 5-pt bottom			0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Aroclor-1016	0.00000	2.65000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Aroclor-1248	0.00000	2.65000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Aroclor-1254	0.00000	2.65000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Aroclor-1260	0.00000	2.65000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Aroclor-1268	0.00000	2.65000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Benzene	0.00000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Benzo(a)anthracene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Benzo(a)pyrene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Benzo(b)fluoranthene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Benzo(k)fluoranthene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	n-Butylbenzene	7.50000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	sec-Butylbenzene	10.30000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Chrysene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Dibenzo(a,h)anthracene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Isopropylbenzene	0.00000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	p-Isopropyltoluene	0.00000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Lead	310.00000	13.30000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Mercury	0.00000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	2-Methylnaphthalene	0.50999	0.40000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	n-Propylbenzene	4.10000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Tetrachloroethene	0.00000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	1,2,4-Trimethylbenzene	6.20000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	1,3,5-Trimethylbenzene	0.00000	0.66000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL
97014-NRA-162	1/14/1997	97014-NRA-162	soil	862234.13	433349.91	Lead	110.00000	11.70000	0.0	2.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97014-NRA-162	1/14/1997	97014-NRA-162	soil	862234.13	433349.91	Mercury	0.00000	0.57999	0.0	2.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97014-NRA-163	1/14/1997	97014-NRA-163	soil	862234.13	433393.91	Lead	168.00000	12.50000	0.0	2.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97014-NRA-163	1/14/1997	97014-NRA-163	soil	862234.13	433393.91	Mercury	0.00000	0.62999	0.0	2.5	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Benzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Benzo(a)anthracene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Benzo(a)pyrene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	n-Butylbenzene	0.11999	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	sec-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Chrysene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Isopropylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	p-Isopropyltoluene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Lead	104.00000	11.70000	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Mercury	0.00000	0.57999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	2-Methylnaphthalene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	n-Propylbenzene	0.18000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Tetrachloroethene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	1,2,4-Trimethylbenzene	0.10000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	1,3,5-Trimethylbenzene	0.07000	0.05999	0.0	3.0	2	0	comp	post excavation side wall		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Benzene	0.89999	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Benzo(a)anthracene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Benzo(a)pyrene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Benzo(b)fluoranthene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Benzo(k)fluoranthene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	n-Butylbenzene	7.40000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	sec-Butylbenzene	7.60000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Chrysene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Dibenzo(a,h)anthracene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Isopropylbenzene	11.10000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	p-Isopropyltoluene	4.80000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Lead	78.50000	13.20000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Mercury	0.00000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	2-Methylnaphthalene	0.00000	0.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	n-Propylbenzene	3.50000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Tetrachloroethene	0.87000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	1,2,4-Trimethylbenzene	8.20000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	1,3,5-Trimethylbenzene	4.50000	0.66000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Benzene	0.99000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Benzo(a)anthracene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Benzo(a)pyrene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Benzo(b)fluoranthene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Benzo(k)fluoranthene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	n-Butylbenzene	0.00000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	sec-Butylbenzene	17.10000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Chrysene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Dibenzo(a,h)anthracene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Isopropylbenzene	40.30000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	p-Isopropyltoluene	30.40000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Lead	428.00000	12.10000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Mercury	0.00000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	2-Methylnaphthalene	0.00000	0.36000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	n-Propylbenzene	9.70000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Tetrachloroethene	0.00000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	1,2,4-Trimethylbenzene	12.20000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	1,3,5-Trimethylbenzene	5.80000	0.61000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Aroclor-1016	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Aroclor-1248	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Aroclor-1254	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Aroclor-1260	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Aroclor-1268	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Barium	0.00000	60.80000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Lead	42.60000	12.20000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Mercury	6.55000	0.61000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Benzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Benzo(a)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Benzo(a)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Benzo(b)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Benzo(k)fluoranthene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	n-Butylbenzene	0.07999	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	sec-Butylbenzene	0.15999	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Chrysene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Dibenzo(a,h)anthracene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Isopropylbenzene	0.27000	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	p-Isopropyltoluene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Lead	38.90000	13.00000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Mercury	0.00000	0.64999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	2-Methylnaphthalene	0.00000	0.38999	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	n-Propylbenzene	0.07999	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Tetrachloroethene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	1,2,4-Trimethylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	1,3,5-Trimethylbenzene	0.00000	0.07000	1.5	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Benzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Benzo(a)anthracene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Benzo(a)pyrene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	n-Butylbenzene	0.14000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	sec-Butylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Chrysene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Isopropylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	p-Isopropyltoluene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Lead	20.30000	13.10000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Mercury	0.00000	0.64999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	2-Methylnaphthalene	0.00000	0.38999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	n-Propylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Tetrachloroethene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	1,3,5-Trimethylbenzene	0.30000	0.07000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Benzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Benzo(a)anthracene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Benzo(a)pyrene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	n-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	sec-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Chrysene	0.56000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Isopropylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	p-Isopropyltoluene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Lead	98.70000	11.70000	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Mercury	0.00000	0.58999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	2-Methylnaphthalene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	n-Propylbenzene	0.10999	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Tetrachloroethene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Benzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Benzo(a)anthracene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Benzo(a)pyrene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	n-Butylbenzene	0.05999	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	sec-Butylbenzene	0.05999	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Chrysene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Isopropylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	p-Isopropyltoluene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Lead	134.00000	11.70000	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Mercury	0.00000	0.57999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	2-Methylnaphthalene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	n-Propylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Tetrachloroethene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Benzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Benzo(a)anthracene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Benzo(a)pyrene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Benzo(b)fluoranthene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Benzo(k)fluoranthene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	n-Butylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	sec-Butylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Chrysene	1.07000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Isopropylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	p-Isopropyltoluene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Lead	418.00000	11.30000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Mercury	0.00000	0.56000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	2-Methylnaphthalene	0.00000	0.34000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	n-Propylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Tetrachloroethene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Benzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Benzo(a)anthracene	0.00000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Benzo(a)pyrene	0.00000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Benzo(b)fluoranthene	0.00000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Benzo(k)fluoranthene	0.41999	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	n-Butylbenzene	0.10999	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	sec-Butylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Chrysene	0.43000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Isopropylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	p-Isopropyltoluene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Lead	366.00000	11.50000	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Mercury	0.00000	0.57999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	2-Methylnaphthalene	0.00000	0.34999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	n-Propylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Tetrachloroethene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	1,3,5-Trimethylbenzene	0.07999	0.05999	0.5	0.5	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Aroclor-1016	0.00000	2.60000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Aroclor-1248	0.00000	2.60000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Aroclor-1254	0.00000	2.60000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Aroclor-1260	0.00000	2.60000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Aroclor-1268	0.00000	2.60000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Barium	0.00000	64.90000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Benzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Benzo(a)anthracene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Benzo(a)pyrene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Benzo(b)fluoranthene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Benzo(k)fluoranthene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	n-Butylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	sec-Butylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Chrysene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Dibenzo(a,h)anthracene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Isopropylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	p-Isopropyltoluene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Lead	0.00000	13.00000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Mercury	12.50000	0.64999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	2-Methylnaphthalene	0.00000	0.38999	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	n-Propylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Tetrachloroethene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	1,2,4-Trimethylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	1,3,5-Trimethylbenzene	0.00000	0.07000	3.5	4.0	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aluminum	2420.00000	10.90000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Antimony	0.00000	1.50000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aroclor-1016	0.00000	0.04100	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aroclor-1248	0.00000	0.04100	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aroclor-1254	0.00000	0.04100	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aroclor-1260	0.00000	0.04100	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aroclor-1268	0.00000	0.04100	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Arsenic	0.00000	1.20000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Barium	4.80000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Benzene	0.00000	0.01200	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Benzo(a)anthracene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Benzo(a)pyrene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Benzo(b)fluoranthene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Benzo(k)fluoranthene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Chromium	2.00000	0.11999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Chrysene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Copper	17.40000	0.25000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Iron	901.00000	1.20000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Lead	9.40000	0.70999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Manganese	4.00000	0.10000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Mercury	0.12400	0.06159	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	2-Methylnaphthalene	0.00000	0.41000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Nickel	0.63999	0.25000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Silver	0.57999	0.56999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Vanadium	2.40000	0.21999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Zinc	3.40000	0.27000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	Cor
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Benzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Benzo(a)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Benzo(a)pyrene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Benzo(b)fluoranthene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Benzo(k)fluoranthene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	n-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	sec-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Chrysene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Isopropylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	p-Isopropyltoluene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Lead	0.00000	11.40000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Mercury	0.00000	0.56999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	2-Methylnaphthalene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	n-Propylbenzene	0.21999	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Tetrachloroethene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Aroclor-1016	0.00000	2.47000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Aroclor-1248	0.00000	2.47000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Aroclor-1254	0.00000	2.47000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Aroclor-1260	0.00000	2.47000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Aroclor-1268	0.00000	2.47000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Barium	0.00000	61.70000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Benzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Benzo(a)anthracene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Benzo(a)pyrene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Benzo(b)fluoranthene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Benzo(k)fluoranthene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	n-Butylbenzene	0.17000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	sec-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Chrysene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Dibenzo(a,h)anthracene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Isopropylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	p-Isopropyltoluene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Lead	66.00000	12.30000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Mercury	0.75999	0.62000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	2-Methylnaphthalene	0.00000	0.37000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	n-Propylbenzene	0.31000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Tetrachloroethene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	1,2,4-Trimethylbenzene	0.07000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	1,3,5-Trimethylbenzene	0.11999	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Aroclor-1016	0.00000	2.37000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Aroclor-1248	0.00000	2.37000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Aroclor-1254	0.00000	2.37000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Aroclor-1260	0.00000	2.37000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Aroclor-1268	0.00000	2.37000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Barium	88.90000	59.30000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Benzene	0.00000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Benzo(a)anthracene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Benzo(a)pyrene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	n-Butylbenzene	0.00000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	sec-Butylbenzene	0.00000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Chrysene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Isopropylbenzene	0.00000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	p-Isopropyltoluene	0.07999	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Lead	368.00000	11.90000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Mercury	1.44000	0.58999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	2-Methylnaphthalene	0.00000	0.36000	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	n-Propylbenzene	0.21999	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Tetrachloroethene	0.00000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	1,2,4-Trimethylbenzene	0.10000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.7	2	0	comp	post excavation north sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Aroclor-1016	0.00000	2.38000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Aroclor-1248	0.00000	2.38000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Aroclor-1254	0.00000	2.38000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Aroclor-1260	0.00000	2.38000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Aroclor-1268	0.00000	2.38000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Barium	0.00000	59.50000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Benzene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Benzo(a)anthracene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Benzo(a)pyrene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	n-Butylbenzene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	sec-Butylbenzene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Chrysene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Isopropylbenzene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	p-Isopropyltoluene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Lead	48.20000	11.90000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Mercury	0.56000	0.58999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	2-Methylnaphthalene	0.00000	0.36000	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	n-Propylbenzene	0.20000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Tetrachloroethene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.8	2	0	comp	post excavation east sidewall 3-pt			0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Benzene	0.00000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Benzo(a)anthracene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Benzo(a)pyrene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Benzo(b)fluoranthene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Benzo(k)fluoranthene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	n-Butylbenzene	12.20000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	sec-Butylbenzene	8.60000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Chrysene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Dibenzo(a,h)anthracene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Isopropylbenzene	12.00000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	p-Isopropyltoluene	0.00000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Lead	0.00000	13.50000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Mercury	0.00000	0.67000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	2-Methylnaphthalene	1.62000	0.40000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	n-Propylbenzene	4.50000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Tetrachloroethene	0.00000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	1,2,4-Trimethylbenzene	10.50000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	1,3,5-Trimethylbenzene	11.70000	1.30000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Aroclor-1016	0.00000	2.00000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Aroclor-1248	0.00000	2.00000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Aroclor-1254	3.20000	2.00000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Aroclor-1260	0.00000	2.00000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Aroclor-1268	0.00000	2.00000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Barium	0.00000	58.80000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Lead	145.00000	11.80000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Mercury	3.82000	0.58999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Aroclor-1016	0.00000	2.62000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Aroclor-1248	0.00000	2.62000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Aroclor-1254	0.00000	2.62000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Aroclor-1260	0.00000	2.62000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Aroclor-1268	0.00000	2.62000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Barium	0.00000	65.50000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Lead	0.00000	13.10000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Mercury	0.00000	0.66000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Aroclor-1016	0.00000	2.40000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Aroclor-1248	0.00000	2.40000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Aroclor-1254	0.00000	2.40000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Aroclor-1260	0.00000	2.40000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Aroclor-1268	0.00000	2.40000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Barium	60.00000	60.10000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Chrysene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Lead	116.00000	12.00000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Mercury	10.40000	0.60000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	2-Methylnaphthalene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Aroclor-1016	0.00000	2.60000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Aroclor-1248	0.00000	2.60000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Aroclor-1254	0.00000	2.60000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Aroclor-1260	0.00000	2.60000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Aroclor-1268	0.00000	2.60000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Barium	0.00000	65.10000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Chrysene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Lead	14.30000	13.00000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Mercury	0.00000	0.64999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	2-Methylnaphthalene	0.00000	0.38999	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization south side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Aroclor-1016	0.00000	2.31000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Aroclor-1248	0.00000	2.31000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Aroclor-1254	0.00000	2.31000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Aroclor-1260	0.00000	2.31000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Aroclor-1268	0.00000	2.31000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Barium	0.00000	57.70000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Lead	281.00000	11.50000	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Mercury	9.92000	0.57999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization west side boiler house			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Aroclor-1016	0.00000	2.29000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Aroclor-1248	0.00000	2.29000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Aroclor-1254	0.00000	2.29000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Aroclor-1260	0.00000	2.29000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Aroclor-1268	0.00000	2.29000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Barium	0.00000	57.30000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Lead	34.40000	11.50000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Mercury	2.86000	0.56999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Aroclor-1016	0.00000	2.49000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Aroclor-1248	0.00000	2.49000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Aroclor-1254	0.00000	2.49000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Aroclor-1260	0.00000	2.49000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Aroclor-1268	0.00000	2.49000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Barium	0.00000	62.20000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	p-Isopropyltoluene	0.38999	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Lead	26.10000	12.40000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Mercury	0.00000	0.62000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	1,3,5-Trimethylbenzene	0.09000	0.05999	2.0	3.0	0	0	grab	characterization NE corner locker room			0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Benzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Benzo(a)anthracene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Benzo(a)pyrene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Benzo(k)fluoranthene	0.44999	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	n-Butylbenzene	0.12999	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	sec-Butylbenzene	0.15000	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Chrysene	0.72000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Isopropylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	p-Isopropyltoluene	0.12999	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Lead	19.20000	11.00000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Mercury	0.00000	0.55000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	2-Methylnaphthalene	0.00000	0.33000	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	n-Propylbenzene	0.07000	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Tetrachloroethene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	1,2,4-Trimethylbenzene	0.10000	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	1,3,5-Trimethylbenzene	0.11999	0.05999	1.0	2.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Aroclor-1016	0.00000	2.37000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Aroclor-1248	0.00000	2.37000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Aroclor-1254	0.00000	2.37000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Aroclor-1260	0.00000	2.37000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Aroclor-1268	3.30000	2.37000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Barium	0.00000	59.30000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Benzo(b)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Benzo(k)fluoranthene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Chrysene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Lead	116.00000	11.90000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Mercury	17.20000	0.58999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	2-Methylnaphthalene	0.00000	0.36000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Aroclor-1016	0.00000	2.78000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Aroclor-1248	0.00000	2.78000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Aroclor-1254	0.00000	2.78000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Aroclor-1260	0.00000	2.78000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Aroclor-1268	0.00000	2.78000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Barium	0.00000	69.50000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Benzo(a)anthracene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Benzo(a)pyrene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Benzo(b)fluoranthene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Benzo(k)fluoranthene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Chrysene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Dibenzo(a,h)anthracene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Indeno(1,2,3-cd)pyrene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Lead	0.00000	13.90000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Mercury	0.00000	0.69999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	2-Methylnaphthalene	0.00000	0.41999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Aroclor-1016	0.00000	2.23000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Aroclor-1248	0.00000	2.23000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Aroclor-1254	0.00000	2.23000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Aroclor-1260	0.00000	2.23000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Aroclor-1268	0.00000	2.23000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Barium	87.90000	55.70000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Chrysene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Lead	541.00000	11.10000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Mercury	19.40000	0.56000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Aroclor-1016	0.00000	2.51000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Aroclor-1248	0.00000	2.51000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Aroclor-1254	0.00000	2.51000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Aroclor-1260	0.00000	2.51000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Aroclor-1268	0.00000	2.51000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Barium	0.00000	62.80000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Chrysene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Lead	0.00000	12.60000	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Mercury	0.00000	0.62999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east side boiler house		EBH	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Benzene	1.60000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Benzo(a)anthracene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Benzo(a)pyrene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Benzo(b)fluoranthene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Benzo(k)fluoranthene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	n-Butylbenzene	23.90000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	sec-Butylbenzene	9.70000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Chrysene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Dibenzo(a,h)anthracene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Isopropylbenzene	19.10000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	p-Isopropyltoluene	9.20000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Lead	20.50000	13.70000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Mercury	0.00000	0.68999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	2-Methylnaphthalene	0.00000	0.40999	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	n-Propylbenzene	9.20000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Tetrachloroethene	0.00000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	1,2,4-Trimethylbenzene	27.30000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	1,3,5-Trimethylbenzene	15.90000	1.40000	4.0	4.0	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Aroclor-1016	0.00000	2.31000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Aroclor-1248	0.00000	2.31000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Aroclor-1254	0.00000	2.31000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Aroclor-1260	0.00000	2.31000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Aroclor-1268	0.00000	2.31000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Barium	0.00000	57.70000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Benzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Benzo(a)anthracene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Benzo(a)pyrene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Benzo(b)fluoranthene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Benzo(k)fluoranthene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	n-Butylbenzene	0.18999	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	sec-Butylbenzene	0.11999	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Chrysene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Isopropylbenzene	0.37000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	p-Isopropyltoluene	0.17000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Lead	0.00000	11.50000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Mercury	2.14000	0.57999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	2-Methylnaphthalene	0.00000	0.34999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	n-Propylbenzene	0.34999	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Tetrachloroethene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	1,2,4-Trimethylbenzene	0.09000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Aroclor-1016	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Aroclor-1248	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Aroclor-1254	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Aroclor-1260	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Aroclor-1268	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Barium	0.00000	56.20000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Benzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Benzo(a)anthracene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Benzo(a)pyrene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Benzo(b)fluoranthene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Benzo(k)fluoranthene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	n-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	sec-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Chrysene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Isopropylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	p-Isopropyltoluene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Lead	30.30000	11.20000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Mercury	3.86000	0.56000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	2-Methylnaphthalene	0.00000	0.34000	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	n-Propylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Tetrachloroethene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt east sidewall			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Aroclor-1016	0.00000	2.26000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Aroclor-1248	0.00000	2.26000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Aroclor-1254	0.00000	2.26000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Aroclor-1260	0.00000	2.26000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Aroclor-1268	2.70000	2.26000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Barium	0.00000	56.40000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Lead	69.40000	11.30000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Mercury	11.80000	0.56000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Aroclor-1016	0.00000	2.67000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Aroclor-1248	0.00000	2.67000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Aroclor-1254	0.00000	2.67000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Aroclor-1260	0.00000	2.67000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Aroclor-1268	0.00000	2.67000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Barium	0.00000	66.70000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Benzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	n-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	sec-Butylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Chrysene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Isopropylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	p-Isopropyltoluene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Lead	20.00000	13.30000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Mercury	0.00000	0.67000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	n-Propylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Tetrachloroethene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	1,2,4-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	1,3,5-Trimethylbenzene	0.00000	0.07000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Aroclor-1016	0.00000	2.27000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Aroclor-1248	0.00000	2.27000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Aroclor-1254	0.00000	2.27000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Aroclor-1260	0.00000	2.27000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Aroclor-1268	2.70000	2.27000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Barium	174.00000	56.70000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Benzo(a)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Benzo(a)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Chrysene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Lead	48.70000	11.30000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Mercury	9.30000	0.56999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	2-Methylnaphthalene	0.00000	0.34000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Aroclor-1016	0.00000	2.48000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Aroclor-1248	0.00000	2.48000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Aroclor-1254	0.00000	2.48000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Aroclor-1260	0.00000	2.48000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Aroclor-1268	0.00000	2.48000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Barium	0.00000	62.10000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Chrysene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Lead	23.60000	12.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Mercury	0.00000	0.62000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Aroclor-1016	0.00000	2.35000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Aroclor-1248	0.00000	2.35000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Aroclor-1254	0.00000	2.35000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Aroclor-1260	0.00000	2.35000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Aroclor-1268	0.00000	2.35000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Barium	70.50000	58.80000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Benzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Benzo(a)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Benzo(a)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	n-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Chrysene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Isopropylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Lead	65.30000	11.80000	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Mercury	6.20000	0.58999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	2-Methylnaphthalene	0.00000	0.34999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	n-Propylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Tetrachloroethene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Aroclor-1016	0.00000	2.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Aroclor-1248	0.00000	2.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Aroclor-1254	0.00000	2.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Aroclor-1260	0.00000	2.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Aroclor-1268	0.00000	2.40000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Barium	0.00000	59.90000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Benzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Chrysene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Lead	30.50000	12.00000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Mercury	2.31000	0.60000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	0	0	grab	characterization east of cell buildings			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Aroclor-1016	0.00000	2.21000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Aroclor-1248	0.00000	2.21000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Aroclor-1254	0.00000	2.21000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Aroclor-1260	0.00000	2.21000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Aroclor-1268	0.00000	2.21000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Lead	178.00000	11.10000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Mercury	1.97000	0.55000	0.7	2.0	1	0	comp	SW enclosure, post excavation 3-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Aroclor-1016	0.00000	2.35000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Aroclor-1248	0.00000	2.35000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Aroclor-1254	0.00000	2.35000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Aroclor-1260	0.00000	2.35000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Aroclor-1268	0.00000	2.35000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Barium	0.00000	58.80000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Benzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Benzo(a)anthracene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Benzo(a)pyrene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Benzo(b)fluoranthene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Benzo(k)fluoranthene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	n-Butylbenzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	sec-Butylbenzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Chrysene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Dibenzo(a,h)anthracene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Isopropylbenzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	p-Isopropyltoluene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Lead	0.00000	11.80000	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Mercury	4.59000	0.58999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	2-Methylnaphthalene	0.00000	0.34999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	n-Propylbenzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Tetrachloroethene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97044-06	2/13/1997	97044-06	soil	862511.06	431201.91	Mercury	0.00000	0.56999	2.0	3.0	0	0	grab	delineation sample		HMS	0	QAL
97044-07	2/13/1997	97044-07	soil	862502.06	431176.91	Mercury	17.50000	0.54000	0.0	1.0	0	0	grab	delineation sample		HMS	0	QAL
97044-08	2/13/1997	97044-08	soil	862502.06	431176.91	Mercury	0.00000	0.55000	2.0	3.0	0	0	grab	delineation sample		HMS	0	QAL
97044-09	2/13/1997	97044-09	soil	862525.06	431197.91	Mercury	3.67000	0.55000	0.0	1.0	0	0	grab	delineation sample		HMS	0	QAL
97044-10	2/13/1997	97044-10	soil	862525.06	431197.91	Mercury	0.00000	0.56999	2.0	3.0	0	0	grab	delineation sample		HMS	0	QAL
97044-17	2/13/1997	97044-17	soil	862515.06	431188.91	Mercury	0.00000	0.55000	2.0	3.0	0	0	grab	delineation sample		HMS	0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Aroclor-1016	0.00000	2.43000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Aroclor-1248	0.00000	2.43000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Aroclor-1254	0.00000	2.43000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Aroclor-1260	0.00000	2.43000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Aroclor-1268	0.00000	2.43000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Lead	0.00000	12.20000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Mercury	0.97000	0.61000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97049-03	2/18/1997	97049-03	soil	862495.06	431187.91	Mercury	5.30000	0.55000	0.0	1.0	0	0	grab	delineation samples		HMS	0	QAL
97049-04	2/18/1997	97049-04	soil	862495.06	431187.91	Mercury	0.62000	0.56999	2.0	3.0	0	0	grab	delineation samples		HMS	0	QAL
97049-07	2/18/1997	97049-07	soil	862511.06	431180.91	Mercury	0.00000	0.56999	2.0	3.0	0	0	grab	delineation samples		HMS	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Aroclor-1016	0.00000	2.23000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Aroclor-1248	0.00000	2.23000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Aroclor-1254	0.00000	2.23000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Aroclor-1260	0.00000	2.23000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Aroclor-1268	0.00000	2.23000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Lead	44.60000	11.20000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Mercury	0.00000	0.56000	0.1	0.1	1	0	comp	power screen scrape area 5-pt		NREA	0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Aroclor-1016	0.00000	2.21000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Aroclor-1248	0.00000	2.21000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Aroclor-1254	0.00000	2.21000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Aroclor-1260	0.00000	2.21000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Aroclor-1268	0.00000	2.21000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Lead	16.50000	11.00000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Mercury	0.00000	0.55000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Aroclor-1016	0.00000	2.26000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Aroclor-1248	0.00000	2.26000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Aroclor-1254	0.00000	2.26000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Aroclor-1260	0.00000	2.26000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Aroclor-1268	0.00000	2.26000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Lead	22.50000	11.30000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Mercury	1.89000	0.56000	1.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Aroclor-1016	0.00000	2.28000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Aroclor-1248	0.00000	2.28000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Aroclor-1254	0.00000	2.28000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Aroclor-1260	0.00000	2.28000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Aroclor-1268	0.00000	2.28000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Barium	0.00000	56.90000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Benzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Benzo(a)anthracene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Benzo(a)pyrene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Benzo(b)fluoranthene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Benzo(k)fluoranthene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	n-Butylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	sec-Butylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Chrysene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Isopropylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	p-Isopropyltoluene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Lead	333.00000	11.40000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Mercury	5.52000	0.56999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	2-Methylnaphthalene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	n-Propylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Tetrachloroethene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Aroclor-1016	0.00000	2.27000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Aroclor-1248	0.00000	2.27000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Aroclor-1254	0.00000	2.27000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Aroclor-1260	0.00000	2.27000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Aroclor-1268	0.00000	2.27000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Barium	0.00000	56.80000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Benzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Benzo(a)anthracene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Benzo(a)pyrene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Benzo(b)fluoranthene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Benzo(k)fluoranthene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	n-Butylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	sec-Butylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Chrysene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Isopropylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	p-Isopropyltoluene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Lead	135.00000	11.40000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Mercury	4.02000	0.56999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	2-Methylnaphthalene	0.00000	0.34000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	n-Propylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Tetrachloroethene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Aroclor-1016	0.00000	2.18000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Aroclor-1248	0.00000	2.18000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Aroclor-1254	0.00000	2.18000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Aroclor-1260	0.00000	2.18000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Aroclor-1268	0.00000	2.18000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Barium	0.00000	54.60000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Benzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Benzo(a)anthracene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Benzo(a)pyrene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Benzo(k)fluoranthene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	n-Butylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	sec-Butylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Chrysene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Isopropylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	p-Isopropyltoluene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Lead	27.80000	10.90000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Mercury	1.00000	0.55000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	2-Methylnaphthalene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	n-Propylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Tetrachloroethene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Aroclor-1016	0.00000	2.17000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Aroclor-1248	0.00000	2.17000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Aroclor-1254	0.00000	2.17000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Aroclor-1260	0.00000	2.17000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Aroclor-1268	0.00000	2.17000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Barium	0.00000	54.20000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Benzo(a)anthracene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Benzo(a)pyrene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Benzo(k)fluoranthene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Chrysene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Lead	63.40000	10.80000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Mercury	1.67000	0.54000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	2-Methylnaphthalene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Aroclor-1016	0.00000	2.19000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Aroclor-1248	0.00000	2.19000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Aroclor-1254	0.00000	2.19000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Aroclor-1260	0.00000	2.19000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Aroclor-1268	0.00000	2.19000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Barium	0.00000	54.80000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Benzo(a)anthracene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Benzo(a)pyrene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Benzo(b)fluoranthene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Benzo(k)fluoranthene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Chrysene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Lead	516.00000	11.00000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Mercury	12.80000	0.55000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	2-Methylnaphthalene	0.00000	0.33000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Aroclor-1016	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Aroclor-1248	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Aroclor-1254	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Aroclor-1260	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Aroclor-1268	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Barium	0.00000	59.70000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Benzene	0.00000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Benzo(a)anthracene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Benzo(a)pyrene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Benzo(b)fluoranthene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Benzo(k)fluoranthene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	n-Butylbenzene	1.30000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	sec-Butylbenzene	2.10000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Chrysene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Dibenzo(a,h)anthracene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Isopropylbenzene	3.40000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	p-Isopropyltoluene	4.40000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Lead	13.70000	11.90000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Mercury	16.40000	0.60000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	2-Methylnaphthalene	0.00000	0.34000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	n-Propylbenzene	0.00000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Tetrachloroethene	1.80000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	1,2,4-Trimethylbenzene	1.70000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	1,3,5-Trimethylbenzene	2.20000	1.20000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Aroclor-1016	0.00000	2.22000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Aroclor-1248	0.00000	2.22000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Aroclor-1254	0.00000	2.22000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Aroclor-1260	0.00000	2.22000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Aroclor-1268	0.00000	2.22000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Barium	0.00000	55.60000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Benzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Benzo(a)anthracene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Benzo(a)pyrene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Benzo(b)fluoranthene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Benzo(k)fluoranthene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	n-Butylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	sec-Butylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Chrysene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Dibenzo(a,h)anthracene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Isopropylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	p-Isopropyltoluene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Lead	16.10000	11.10000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Mercury	2.24000	0.56000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	2-Methylnaphthalene	0.00000	0.33000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	n-Propylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Tetrachloroethene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Aroclor-1016	0.00000	2.65000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Aroclor-1248	0.00000	2.65000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Aroclor-1254	0.00000	2.65000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Aroclor-1260	0.00000	2.65000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Aroclor-1268	0.00000	2.65000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Benzene	0.36000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	n-Butylbenzene	1.60000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	sec-Butylbenzene	0.93999	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Chrysene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Isopropylbenzene	1.40000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	p-Isopropyltoluene	1.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Lead	19.20000	13.30000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Mercury	1.33000	0.66000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	n-Propylbenzene	0.72000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	1,2,4-Trimethylbenzene	0.46000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	1,3,5-Trimethylbenzene	1.10000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97055-RBT-11	2/24/1997	97055-RBT-11	soil	862736.13	432413.91	Lead	198.00000	11.10000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-ppt bottom			0	QAL
97055-RBT-11	2/24/1997	97055-RBT-11	soil	862736.13	432413.91	Mercury	5.40000	0.56000	1.0	2.5	1	0	comp	SW enclosure post excavation 5-ppt bottom			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Aroclor-1016	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Aroclor-1248	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Aroclor-1254	2.30000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Aroclor-1260	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Aroclor-1268	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Benzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Benzo(a)anthracene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Benzo(a)pyrene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	n-Butylbenzene	0.28000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	sec-Butylbenzene	0.20999	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Chrysene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Isopropylbenzene	0.28000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	p-Isopropyltoluene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Lead	74.70000	10.70000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Mercury	14.10000	0.54000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	2-Methylnaphthalene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	n-Propylbenzene	0.10999	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Tetrachloroethene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	1,2,4-Trimethylbenzene	0.14000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	1,3,5-Trimethylbenzene	0.15000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt south sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Aroclor-1016	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Aroclor-1248	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Aroclor-1254	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Aroclor-1260	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Aroclor-1268	0.00000	2.15000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Benzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Benzo(a)anthracene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Benzo(a)pyrene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	n-Butylbenzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	sec-Butylbenzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Chrysene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Isopropylbenzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	p-Isopropyltoluene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Lead	76.20000	10.70000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Mercury	0.95999	0.54000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	2-Methylnaphthalene	0.00000	0.31999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	n-Propylbenzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Tetrachloroethene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Aroclor-1016	0.00000	2.11000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Aroclor-1248	0.00000	2.11000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Aroclor-1254	0.00000	2.11000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Aroclor-1260	0.00000	2.11000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Aroclor-1268	0.00000	2.11000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Benzene	0.28999	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Benzo(a)anthracene	0.00000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Benzo(a)pyrene	0.00000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Benzo(b)fluoranthene	0.00000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Benzo(k)fluoranthene	1.82000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	n-Butylbenzene	23.90000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	sec-Butylbenzene	27.80000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Chrysene	4.60000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Dibenzo(a,h)anthracene	0.00000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Indeno(1,2,3-cd)pyrene	0.00000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Isopropylbenzene	27.40000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	p-Isopropyltoluene	11.20000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Lead	92.30000	10.50000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Mercury	0.00000	0.52999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	2-Methylnaphthalene	24.60000	1.58000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	n-Propylbenzene	8.90000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Tetrachloroethene	0.00000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	1,2,4-Trimethylbenzene	0.00000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	1,3,5-Trimethylbenzene	20.30000	0.25999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Aroclor-1016	0.00000	2.23000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Aroclor-1248	0.00000	2.23000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Aroclor-1254	0.00000	2.23000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Aroclor-1260	0.00000	2.23000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Aroclor-1268	0.00000	2.23000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Lead	14.50000	11.10000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Mercury	0.00000	0.56000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Aroclor-1016	0.00000	2.24000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Aroclor-1248	0.00000	2.24000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Aroclor-1254	0.00000	2.24000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Aroclor-1260	0.00000	2.24000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Aroclor-1268	0.00000	2.24000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Lead	186.00000	11.20000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Mercury	0.00000	0.56000	0.0	0.1	1	0	comp	scrape in backfill @ pugmill area		NREA	0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Aroclor-1016	0.00000	2.64000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Aroclor-1248	0.00000	2.64000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Aroclor-1254	0.00000	2.64000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Aroclor-1260	0.00000	2.64000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Aroclor-1268	0.00000	2.64000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Benzene	0.07999	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Benzo(a)anthracene	0.88999	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Benzo(b)fluoranthene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Benzo(k)fluoranthene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	n-Butylbenzene	0.33000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	sec-Butylbenzene	0.46999	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Chrysene	0.85000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Isopropylbenzene	0.94999	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	p-Isopropyltoluene	0.60000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Lead	16.50000	13.20000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Mercury	0.99000	0.66000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	2-Methylnaphthalene	4.33000	0.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	n-Propylbenzene	0.15000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Tetrachloroethene	0.00000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	1,2,4-Trimethylbenzene	0.20000	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	1,3,5-Trimethylbenzene	0.40999	0.07000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Aroclor-1016	0.00000	2.69000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Aroclor-1248	0.00000	2.69000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Aroclor-1254	0.00000	2.69000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Aroclor-1260	0.00000	2.69000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Aroclor-1268	0.00000	2.69000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Barium	74.00000	67.30000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Benzene	0.14000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Benzo(a)anthracene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Benzo(a)pyrene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Benzo(b)fluoranthene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Benzo(k)fluoranthene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	n-Butylbenzene	0.80000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	sec-Butylbenzene	1.40000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Chrysene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Dibenzo(a,h)anthracene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Isopropylbenzene	1.10000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	p-Isopropyltoluene	1.50000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Lead	70.60000	13.50000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Mercury	1.60000	0.67000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	2-Methylnaphthalene	1.40000	0.40000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	n-Propylbenzene	0.95999	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Tetrachloroethene	0.00000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	1,2,4-Trimethylbenzene	1.80000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	1,3,5-Trimethylbenzene	1.40000	0.07000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Aroclor-1016	0.00000	2.57000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Aroclor-1248	0.00000	2.57000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Aroclor-1254	0.00000	2.57000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Aroclor-1260	0.00000	2.57000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Aroclor-1268	0.00000	2.57000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Barium	0.00000	64.40000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Benzo(a)anthracene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Benzo(a)pyrene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Benzo(b)fluoranthene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Benzo(k)fluoranthene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Chrysene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Lead	269.00000	12.90000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Mercury	1.30000	0.63999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	2-Methylnaphthalene	1.37000	0.38999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Aroclor-1016	0.00000	2.36000	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Aroclor-1248	0.00000	2.36000	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Aroclor-1254	0.00000	2.36000	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Aroclor-1260	0.00000	2.36000	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Aroclor-1268	0.00000	2.36000	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Benzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Benzo(a)anthracene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Benzo(a)pyrene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	n-Butylbenzene	0.07000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	sec-Butylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Chrysene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Isopropylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	p-Isopropyltoluene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Lead	85.50000	11.80000	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Mercury	0.00000	0.58999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	2-Methylnaphthalene	0.00000	0.34999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	n-Propylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Tetrachloroethene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Aroclor-1016	0.00000	2.32000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Aroclor-1248	0.00000	2.32000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Aroclor-1254	0.00000	2.32000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Aroclor-1260	0.00000	2.32000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Aroclor-1268	0.00000	2.32000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Benzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Benzo(a)anthracene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Benzo(a)pyrene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Benzo(b)fluoranthene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Benzo(k)fluoranthene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	n-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	sec-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Chrysene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Isopropylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	p-Isopropyltoluene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Lead	226.00000	11.60000	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Mercury	0.00000	0.57999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	2-Methylnaphthalene	0.00000	0.34999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	n-Propylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Tetrachloroethene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Aroclor-1016	0.00000	2.38000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Aroclor-1248	0.00000	2.38000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Aroclor-1254	3.30000	2.38000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Aroclor-1260	0.00000	2.38000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Aroclor-1268	13.00000	2.38000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Benzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Benzo(a)anthracene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Benzo(a)pyrene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	n-Butylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	sec-Butylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Chrysene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Isopropylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	p-Isopropyltoluene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Lead	180.00000	11.90000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Mercury	0.00000	0.60000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	2-Methylnaphthalene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	n-Propylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Tetrachloroethene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt west sidewall			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Aroclor-1016	0.00000	2.62000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Aroclor-1248	0.00000	2.62000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Aroclor-1254	0.00000	2.62000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Aroclor-1260	0.00000	2.62000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Aroclor-1268	0.00000	2.62000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Barium	0.00000	65.50000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Benzene	0.18000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Benzo(a)anthracene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Benzo(a)pyrene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Benzo(b)fluoranthene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Benzo(k)fluoranthene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	n-Butylbenzene	4.60000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	sec-Butylbenzene	7.10000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Chrysene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Isopropylbenzene	10.20000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	p-Isopropyltoluene	3.10000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Lead	0.00000	13.10000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Mercury	0.00000	0.66000	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	2-Methylnaphthalene	7.48000	0.38999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	n-Propylbenzene	4.20000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Tetrachloroethene	0.00000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	1,2,4-Trimethylbenzene	1.10000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	1,3,5-Trimethylbenzene	3.80000	0.12999	2.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Aroclor-1016	0.00000	2.59000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Aroclor-1248	0.00000	2.59000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Aroclor-1254	13.00000	2.59000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Aroclor-1260	0.00000	2.59000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Aroclor-1268	0.00000	2.59000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Benzene	0.00000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Benzo(a)anthracene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Benzo(a)pyrene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Benzo(b)fluoranthene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Benzo(k)fluoranthene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	n-Butylbenzene	9.00000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	sec-Butylbenzene	6.30000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Chrysene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Dibenzo(a,h)anthracene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Isopropylbenzene	9.70000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	p-Isopropyltoluene	4.80000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Lead	17.50000	12.90000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Mercury	3.41000	0.64999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	2-Methylnaphthalene	2.15000	0.38999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	n-Propylbenzene	3.10000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Tetrachloroethene	0.00000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	1,2,4-Trimethylbenzene	2.90000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	1,3,5-Trimethylbenzene	3.90000	0.31999	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Aroclor-1016	0.00000	2.59000	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Aroclor-1248	0.00000	2.59000	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Aroclor-1254	0.00000	2.59000	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Aroclor-1260	0.00000	2.59000	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Aroclor-1268	0.00000	2.59000	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Benzene	0.00000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Benzo(a)anthracene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Benzo(a)pyrene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Benzo(b)fluoranthene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Benzo(k)fluoranthene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	n-Butylbenzene	4.90000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	sec-Butylbenzene	7.50000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Chrysene	0.41999	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Dibenzo(a,h)anthracene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Isopropylbenzene	11.50000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	p-Isopropyltoluene	11.40000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Lead	0.00000	13.00000	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Mercury	0.50000	0.64999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	2-Methylnaphthalene	0.51999	0.38999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	n-Propylbenzene	2.40000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Tetrachloroethene	0.28000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	1,2,4-Trimethylbenzene	4.80000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	1,3,5-Trimethylbenzene	4.80000	0.25999	2.5	3.0	1	0	comp	post excavation 4-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Aroclor-1016	0.00000	2.56000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Aroclor-1248	0.00000	2.56000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Aroclor-1254	0.00000	2.56000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Aroclor-1260	0.00000	2.56000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Aroclor-1268	0.00000	2.56000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Benzene	0.00000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Benzo(a)anthracene	0.00000	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Benzo(a)pyrene	0.47999	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Benzo(b)fluoranthene	0.50999	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Benzo(k)fluoranthene	0.00000	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	n-Butylbenzene	18.60000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	sec-Butylbenzene	14.70000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Chrysene	1.53000	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Isopropylbenzene	25.50000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	p-Isopropyltoluene	11.40000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Lead	0.00000	12.80000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Mercury	9.03000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	2-Methylnaphthalene	3.58000	0.37999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	n-Propylbenzene	8.90000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Tetrachloroethene	0.00000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	1,2,4-Trimethylbenzene	15.50000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	1,3,5-Trimethylbenzene	14.80000	0.63999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Benzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Benzo(a)anthracene	3.57000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Benzo(a)pyrene	0.00000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Benzo(b)fluoranthene	0.00000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Benzo(k)fluoranthene	0.00000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	n-Butylbenzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	sec-Butylbenzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Chrysene	4.53000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Dibenzo(a,h)anthracene	0.00000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Indeno(1,2,3-cd)pyrene	0.00000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Isopropylbenzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	p-Isopropyltoluene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Lead	299.00000	10.90000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Mercury	5.18000	0.54000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	2-Methylnaphthalene	0.00000	3.26000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	n-Propylbenzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Tetrachloroethene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Benzene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Benzo(a)anthracene	0.00000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Benzo(a)pyrene	0.00000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Benzo(b)fluoranthene	0.67000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Benzo(k)fluoranthene	0.61000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	n-Butylbenzene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	sec-Butylbenzene	0.31000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Chrysene	1.05000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Dibenzo(a,h)anthracene	0.00000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Isopropylbenzene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	p-Isopropyltoluene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Lead	996.00000	12.60000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Mercury	2.13000	0.62999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	2-Methylnaphthalene	0.00000	0.37999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	n-Propylbenzene	0.10999	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Tetrachloroethene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Benzene	0.14000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Benzo(a)anthracene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Benzo(a)pyrene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	n-Butylbenzene	0.91000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	sec-Butylbenzene	0.58999	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Chrysene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Isopropylbenzene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	p-Isopropyltoluene	0.50000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Lead	3650.00000	11.40000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Mercury	0.62000	0.56999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	2-Methylnaphthalene	0.00000	0.34000	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	n-Propylbenzene	0.07999	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Tetrachloroethene	0.00000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	1,2,4-Trimethylbenzene	0.62999	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	1,3,5-Trimethylbenzene	0.66000	0.05999	0.0	0.1	0	0	grab	soil @ concrete tank supports		NREA	0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Aroclor-1016	0.00000	2.52000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Aroclor-1248	0.00000	2.52000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Aroclor-1254	0.00000	2.52000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Aroclor-1260	0.00000	2.52000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Aroclor-1268	0.00000	2.52000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Benzene	0.00000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Benzo(a)anthracene	6.26000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Benzo(a)pyrene	3.86000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Benzo(b)fluoranthene	0.00000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Benzo(k)fluoranthene	0.00000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	n-Butylbenzene	9.90000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	sec-Butylbenzene	5.30000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Chrysene	6.29000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Dibenzo(a,h)anthracene	0.00000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Indeno(1,2,3-cd)pyrene	0.00000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Isopropylbenzene	5.10000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	p-Isopropyltoluene	6.90000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Lead	35.90000	12.60000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Mercury	5.43000	0.62999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	2-Methylnaphthalene	30.80000	1.89000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	n-Propylbenzene	2.90000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Tetrachloroethene	0.00000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	1,2,4-Trimethylbenzene	5.40000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	1,3,5-Trimethylbenzene	8.30000	0.31000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Aroclor-1016	0.00000	2.61000	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Aroclor-1248	0.00000	2.61000	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Aroclor-1254	0.00000	2.61000	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Aroclor-1260	0.00000	2.61000	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Aroclor-1268	0.00000	2.61000	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Benzene	0.00000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Benzo(a)anthracene	0.00000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Benzo(a)pyrene	0.00000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Benzo(b)fluoranthene	0.70999	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Benzo(k)fluoranthene	0.00000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	n-Butylbenzene	0.34999	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	sec-Butylbenzene	0.21999	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Chrysene	2.26000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Dibenzo(a,h)anthracene	0.00000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Isopropylbenzene	0.00000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	p-Isopropyltoluene	0.31000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Lead	68.50000	13.00000	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Mercury	2.73000	0.64999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	2-Methylnaphthalene	1.60000	0.38999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	n-Propylbenzene	0.67000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Tetrachloroethene	0.00000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	1,2,4-Trimethylbenzene	0.00000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	1,3,5-Trimethylbenzene	0.00000	0.12999	1.5	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Aroclor-1016	0.00000	2.18000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Aroclor-1248	0.00000	2.18000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Aroclor-1254	0.00000	2.18000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Aroclor-1260	0.00000	2.18000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Aroclor-1268	0.00000	2.18000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Barium	0.00000	54.50000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Benzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Benzo(a)anthracene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Benzo(a)pyrene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	n-Butylbenzene	0.07000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Chrysene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Isopropylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Lead	99.10000	10.90000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Mercury	1.54000	0.54000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	2-Methylnaphthalene	0.00000	0.33000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	n-Propylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Tetrachloroethene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Aroclor-1016	0.00000	2.17000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Aroclor-1248	0.00000	2.17000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Aroclor-1254	0.00000	2.17000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Aroclor-1260	0.00000	2.17000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Aroclor-1268	0.00000	2.17000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Barium	54.20000	54.20000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Benzene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/7/1997	97069-NCA-08	soil	862109.13	432564.94	Benzo(a)anthracene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Benzo(a)pyrene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Benzo(b)fluoranthene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Benzo(k)fluoranthene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	n-Butylbenzene	0.07999	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	sec-Butylbenzene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Chrysene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Dibenzo(a,h)anthracene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Isopropylbenzene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	p-Isopropyltoluene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Lead	90.10000	10.80000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Mercury	8.63000	0.54000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	2-Methylnaphthalene	0.00000	0.33000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	n-Propylbenzene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Tetrachloroethene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Aroclor-1016	0.00000	2.27000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Aroclor-1248	0.00000	2.27000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Aroclor-1254	0.00000	2.27000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Aroclor-1260	0.00000	2.27000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Aroclor-1268	0.00000	2.27000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Barium	0.00000	56.60000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Benzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Benzo(a)anthracene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Benzo(a)pyrene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Benzo(b)fluoranthene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Benzo(k)fluoranthene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	n-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Chrysene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Isopropylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	p-Isopropyltoluene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Lead	23.20000	11.30000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Mercury	3.30000	0.56999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	2-Methylnaphthalene	0.00000	0.34000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	n-Propylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Tetrachloroethene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Aroclor-1016	0.00000	2.35000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Aroclor-1248	0.00000	2.35000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Aroclor-1254	0.00000	2.35000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Aroclor-1260	0.00000	2.35000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Aroclor-1268	0.00000	2.35000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Barium	0.00000	58.80000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Benzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Benzo(a)anthracene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Benzo(a)pyrene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Benzo(b)fluoranthene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Benzo(k)fluoranthene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	n-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Chrysene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Isopropylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	p-Isopropyltoluene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Lead	153.00000	11.80000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Mercury	1.71000	0.58999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	2-Methylnaphthalene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	n-Propylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Tetrachloroethene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Aroclor-1016	0.00000	2.14000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Aroclor-1248	0.00000	2.14000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Aroclor-1254	0.00000	2.14000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Aroclor-1260	0.00000	2.14000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Aroclor-1268	0.00000	2.14000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Barium	0.00000	53.40000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Benzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Benzo(a)anthracene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Benzo(a)pyrene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Benzo(b)fluoranthene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Benzo(k)fluoranthene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	n-Butylbenzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	sec-Butylbenzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Chrysene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Dibenzo(a,h)anthracene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Isopropylbenzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	p-Isopropyltoluene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Lead	20.30000	10.70000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Mercury	3.91000	0.52999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	2-Methylnaphthalene	0.00000	0.31999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	n-Propylbenzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Tetrachloroethene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Aroclor-1016	0.00000	2.07000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Aroclor-1248	0.00000	2.07000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Aroclor-1254	2.20000	2.07000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Aroclor-1260	0.00000	2.07000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Aroclor-1268	5.20000	2.07000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Lead	111.00000	10.30000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-02	3/12/1997	97071-02	soil	862070.13	432491.94	Mercury	9.11000	0.51999	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Aroclor-1016	0.00000	2.13000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Aroclor-1248	0.00000	2.13000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Aroclor-1254	2.10000	2.13000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Aroclor-1260	0.00000	2.13000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Aroclor-1268	4.30000	2.13000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Lead	85.10000	10.60000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-03	3/12/1997	97071-03	soil	862030.13	432507.94	Mercury	9.98000	0.52999	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Aroclor-1016	0.00000	2.17000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Aroclor-1248	0.00000	2.17000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Aroclor-1254	0.00000	2.17000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Aroclor-1260	0.00000	2.17000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Aroclor-1268	0.00000	2.17000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Lead	167.00000	10.80000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Mercury	15.40000	0.54000	0.0	0.1	0	0	comp	surface samples 5-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Aroclor-1016	0.00000	2.14000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Aroclor-1248	0.00000	2.14000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Aroclor-1254	0.00000	2.14000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Aroclor-1260	0.00000	2.14000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Aroclor-1268	0.00000	2.14000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Barium	0.00000	53.40000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Lead	66.20000	10.70000	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Mercury	3.81000	0.52999	0.0	1.7	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Aroclor-1016	0.00000	2.20000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Aroclor-1248	0.00000	2.20000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Aroclor-1254	0.00000	2.20000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Aroclor-1260	0.00000	2.20000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Aroclor-1268	0.00000	2.20000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Barium	0.00000	54.90000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Benzo(a)anthracene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Benzo(a)pyrene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Benzo(b)fluoranthene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Benzo(k)fluoranthene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Chrysene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Dibenzo(a,h)anthracene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Lead	159.00000	11.00000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Mercury	18.50000	0.55000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	2-Methylnaphthalene	0.00000	0.33000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Aroclor-1016	0.00000	2.09000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Aroclor-1248	0.00000	2.09000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Aroclor-1254	0.00000	2.09000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Aroclor-1260	0.00000	2.09000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Aroclor-1268	0.00000	2.09000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Barium	0.00000	52.40000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Benzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Benzo(a)anthracene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Benzo(a)pyrene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Benzo(b)fluoranthene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Benzo(k)fluoranthene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	n-Butylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	sec-Butylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Chrysene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Dibenzo(a,h)anthracene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Isopropylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	p-Isopropyltoluene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Lead	51.60000	10.50000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Mercury	7.19000	0.51999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	2-Methylnaphthalene	0.00000	0.31000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	n-Propylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Tetrachloroethene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Aroclor-1016	0.00000	2.07000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Aroclor-1248	0.00000	2.07000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Aroclor-1254	0.00000	2.07000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Aroclor-1260	0.00000	2.07000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Aroclor-1268	0.00000	2.07000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Barium	0.00000	51.70000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Lead	97.20000	10.30000	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Mercury	15.40000	0.51999	0.0	1.0	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Aroclor-1016	0.00000	2.30000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Aroclor-1248	0.00000	2.30000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Aroclor-1254	0.00000	2.30000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Aroclor-1260	0.00000	2.30000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Aroclor-1268	0.00000	2.30000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Lead	501.00000	11.30000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Mercury	6.27000	0.56999	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Aroclor-1016	0.00000	2.10000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Aroclor-1248	0.00000	2.10000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Aroclor-1254	0.00000	2.10000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Aroclor-1260	0.00000	2.10000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Aroclor-1268	0.00000	2.10000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Lead	220.00000	10.60000	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Mercury	3.96000	0.52999	0.0	0.3	1	0	comp	scrape area 5-pt			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Aroclor-1016	0.00000	2.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Aroclor-1248	0.00000	2.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Aroclor-1254	0.00000	2.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Aroclor-1260	0.00000	2.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Aroclor-1268	0.00000	2.36000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Barium	0.00000	58.90000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Benzo(a)anthracene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Benzo(a)pyrene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Chrysene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Lead	28.90000	11.80000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Mercury	2.78000	0.58999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Aroclor-1016	0.00000	2.13000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Aroclor-1248	0.00000	2.13000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Aroclor-1254	0.00000	2.13000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Aroclor-1260	0.00000	2.13000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Aroclor-1268	0.00000	2.13000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Barium	0.00000	53.20000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Lead	76.60000	10.60000	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Mercury	1.63000	0.52999	0.0	1.0	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Aroclor-1016	0.00000	2.40000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Aroclor-1248	0.00000	2.40000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Aroclor-1254	0.00000	2.40000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Aroclor-1260	0.00000	2.40000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Aroclor-1268	0.00000	2.40000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Barium	0.00000	59.90000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Benzene	0.00000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Benzo(a)anthracene	2.54000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Benzo(a)pyrene	2.10000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Benzo(b)fluoranthene	0.00000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Benzo(k)fluoranthene	0.00000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	n-Butylbenzene	11.00000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	sec-Butylbenzene	12.20000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Chrysene	3.78000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Dibenzo(a,h)anthracene	0.00000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Indeno(1,2,3-cd)pyrene	0.00000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Isopropylbenzene	7.20000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	p-Isopropyltoluene	4.10000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Lead	0.00000	12.00000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Mercury	1.58000	0.60000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	2-Methylnaphthalene	24.50000	1.80000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	n-Propylbenzene	8.40000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Tetrachloroethene	0.00000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	1,2,4-Trimethylbenzene	3.10000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	1,3,5-Trimethylbenzene	1.80000	0.30000	1.5	5.0	1	0	comp	post excavation 2-pt bottom			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Aroclor-1016	0.00000	2.23000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Aroclor-1248	0.00000	2.23000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Aroclor-1254	2.90000	2.23000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Aroclor-1260	0.00000	2.23000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Aroclor-1268	0.00000	2.23000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Lead	197.00000	11.20000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Mercury	14.60000	0.56000	0.3	0.5	1	0	comp	post excavation bottom 5-pt, scrape area			0	QAL
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Aroclor-1016	0.00000	2.19000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Aroclor-1248	0.00000	2.19000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Aroclor-1254	0.00000	2.19000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Aroclor-1260	0.00000	2.19000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Aroclor-1268	0.00000	2.19000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Lead	105.00000	11.00000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Mercury	6.90000	0.55000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Aroclor-1016	0.00000	2.12000	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Aroclor-1248	0.00000	2.12000	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Aroclor-1254	2.60000	2.12000	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Aroclor-1260	0.00000	2.12000	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Aroclor-1268	0.00000	2.12000	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Lead	52.40000	10.60000	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Mercury	2.14000	0.52999	0.0	1.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Aroclor-1016	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Aroclor-1248	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Aroclor-1254	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Aroclor-1260	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Aroclor-1268	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Benzo(a)anthracene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Benzo(a)pyrene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Benzo(b)fluoranthene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Benzo(k)fluoranthene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Chrysene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Lead	0.00000	11.50000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Mercury	0.00000	0.56999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	2-Methylnaphthalene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Aroclor-1016	0.00000	2.41000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Aroclor-1248	0.00000	2.41000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Aroclor-1254	0.00000	2.41000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Aroclor-1260	0.00000	2.41000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Aroclor-1268	0.00000	2.41000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Benzene	0.00000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Benzo(a)anthracene	0.40999	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Benzo(a)pyrene	0.00000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Benzo(b)fluoranthene	0.00000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Benzo(k)fluoranthene	0.00000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	n-Butylbenzene	1.50000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	sec-Butylbenzene	1.90000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Chrysene	0.00000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Dibenzo(a,h)anthracene	0.00000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Isopropylbenzene	2.90000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	p-Isopropyltoluene	1.20000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Lead	21.70000	12.10000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Mercury	0.00000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	2-Methylnaphthalene	14.80000	0.36000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	n-Propylbenzene	1.20000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Tetrachloroethene	0.00000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	1,2,4-Trimethylbenzene	1.00000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	1,3,5-Trimethylbenzene	1.70000	0.60000	3.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Aroclor-1016	0.00000	2.56000	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Aroclor-1248	0.00000	2.56000	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Aroclor-1254	0.00000	2.56000	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Aroclor-1260	0.00000	2.56000	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Aroclor-1268	0.00000	2.56000	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Benzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Benzo(a)anthracene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Benzo(a)pyrene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Benzo(b)fluoranthene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Benzo(k)fluoranthene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	n-Butylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	sec-Butylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Chrysene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Dibenzo(a,h)anthracene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Isopropylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	p-Isopropyltoluene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Lead	40.30000	12.80000	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Mercury	1.23000	0.63999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	2-Methylnaphthalene	0.00000	0.37999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	n-Propylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Tetrachloroethene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	1,3,5-Trimethylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Aroclor-1016	0.00000	2.36000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Aroclor-1248	0.00000	2.36000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Aroclor-1254	0.00000	2.36000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Aroclor-1260	0.00000	2.36000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Aroclor-1268	0.00000	2.36000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Benzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Benzo(a)anthracene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Benzo(a)pyrene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Benzo(b)fluoranthene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Benzo(k)fluoranthene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	n-Butylbenzene	1.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	sec-Butylbenzene	2.10000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Chrysene	2.37000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Isopropylbenzene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	p-Isopropyltoluene	2.20000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Lead	0.00000	11.80000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Mercury	0.00000	0.58999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	2-Methylnaphthalene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	n-Propylbenzene	0.62000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Tetrachloroethene	0.00000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	1,2,4-Trimethylbenzene	0.25999	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	1,3,5-Trimethylbenzene	1.40000	0.05999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Aroclor-1016	0.00000	2.50000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Aroclor-1248	0.00000	2.50000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Aroclor-1254	0.00000	2.50000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Aroclor-1260	0.00000	2.50000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Aroclor-1268	0.00000	2.50000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Benzene	0.00000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Benzo(a)anthracene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Benzo(a)pyrene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Benzo(b)fluoranthene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Benzo(k)fluoranthene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	n-Butylbenzene	3.90000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	sec-Butylbenzene	3.90000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Chrysene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Isopropylbenzene	4.60000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	p-Isopropyltoluene	3.20000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Lead	0.00000	12.50000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Mercury	0.00000	0.62999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	2-Methylnaphthalene	0.00000	0.34999	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	n-Propylbenzene	1.90000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Tetrachloroethene	0.00000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	1,2,4-Trimethylbenzene	1.30000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	1,3,5-Trimethylbenzene	3.00000	0.31000	1.5	3.0	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Aroclor-1016	0.00000	2.45000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Aroclor-1248	0.00000	2.45000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Aroclor-1254	0.00000	2.45000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Aroclor-1260	0.00000	2.45000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Aroclor-1268	3.70000	2.45000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Benzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Benzo(a)anthracene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Benzo(a)pyrene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Benzo(b)fluoranthene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Benzo(k)fluoranthene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	n-Butylbenzene	0.44999	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	sec-Butylbenzene	0.09000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Chrysene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Isopropylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	p-Isopropyltoluene	0.17000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Lead	39.80000	12.30000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Mercury	12.60000	0.61000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	2-Methylnaphthalene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	n-Propylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Tetrachloroethene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	1,2,4-Trimethylbenzene	0.18999	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	1,3,5-Trimethylbenzene	0.14000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Aroclor-1016	0.00000	2.48000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Aroclor-1248	0.00000	2.48000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Aroclor-1254	0.00000	2.48000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Aroclor-1260	0.00000	2.48000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Aroclor-1268	0.00000	2.48000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Benzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Benzo(a)anthracene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Benzo(a)pyrene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Benzo(b)fluoranthene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Benzo(k)fluoranthene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	n-Butylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	sec-Butylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Chrysene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Isopropylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	p-Isopropyltoluene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Lead	152.00000	12.40000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Mercury	10.90000	0.62000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	2-Methylnaphthalene	0.00000	0.37000	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	n-Propylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Tetrachloroethene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Aroclor-1016	0.00000	2.36000	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Aroclor-1248	0.00000	2.36000	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Aroclor-1254	3.00000	2.36000	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Aroclor-1260	0.00000	2.36000	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Aroclor-1268	0.00000	2.36000	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Lead	52.00000	11.80000	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Mercury	1.61000	0.58999	0.0	3.5	2	0	comp	post excavation 3-pt E sidewall			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Aroclor-1016	0.00000	2.62000	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Aroclor-1248	0.00000	2.62000	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Aroclor-1254	0.00000	2.62000	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Aroclor-1260	0.00000	2.62000	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Aroclor-1268	8.80000	2.62000	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Lead	0.00000	13.10000	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-10	3/27/1997	97086-10	soil	862254.81	432315.13	Mercury	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation 4-pt bottom			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Aroclor-1016	0.00000	2.47000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Aroclor-1248	0.00000	2.47000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Aroclor-1254	0.00000	2.47000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Aroclor-1260	0.00000	2.47000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Aroclor-1268	0.00000	2.47000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Lead	69.70000	12.30000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Mercury	1.40000	0.62000	0.0	3.5	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Aroclor-1016	0.00000	2.28000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Aroclor-1248	0.00000	2.28000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Aroclor-1254	0.00000	2.28000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Aroclor-1260	0.00000	2.28000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Aroclor-1268	0.00000	2.28000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Benzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Benzo(a)anthracene	0.00000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Benzo(a)pyrene	0.00000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Benzo(b)fluoranthene	2.08000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Benzo(k)fluoranthene	2.61000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	n-Butylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	sec-Butylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Chrysene	1.01000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Isopropylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	p-Isopropyltoluene	0.11999	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Lead	12.50000	11.40000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Mercury	0.00000	0.56999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	2-Methylnaphthalene	0.00000	0.34000	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	n-Propylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Tetrachloroethene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Aroclor-1016	0.00000	2.39000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Aroclor-1248	0.00000	2.39000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Aroclor-1254	2.70000	2.39000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Aroclor-1260	0.00000	2.39000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Aroclor-1268	6.20000	2.39000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Benzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Benzo(a)anthracene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Benzo(a)pyrene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	n-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	sec-Butylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Chrysene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Isopropylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	p-Isopropyltoluene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Lead	119.00000	11.90000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Mercury	7.78000	0.60000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	2-Methylnaphthalene	0.00000	0.36000	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	n-Propylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Tetrachloroethene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	1,2,4-Trimethylbenzene	0.05999	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Aroclor-1016	0.00000	2.32000	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Aroclor-1248	0.00000	2.32000	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Aroclor-1254	0.00000	2.32000	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Aroclor-1260	0.00000	2.32000	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Aroclor-1268	0.00000	2.32000	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Benzene	0.00000	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Benzo(a)anthracene	0.85000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Benzo(a)pyrene	1.17000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Benzo(b)fluoranthene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Benzo(k)fluoranthene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	n-Butylbenzene	0.43999	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	sec-Butylbenzene	0.40999	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Chrysene	1.03000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Dibenzo(a,h)anthracene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Isopropylbenzene	0.68999	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	p-Isopropyltoluene	0.73000	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Lead	638.00000	11.60000	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Mercury	18.30000	0.57999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	2-Methylnaphthalene	1.68000	0.34999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	n-Propylbenzene	0.00000	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Tetrachloroethene	0.00000	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	1,2,4-Trimethylbenzene	0.33000	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	1,3,5-Trimethylbenzene	0.44999	0.28999	0.0	2.0	2	0	comp	post excavation 3-pt N sidewall			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Aroclor-1016	0.00000	2.41000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Aroclor-1248	0.00000	2.41000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Aroclor-1254	0.00000	2.41000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Aroclor-1260	0.00000	2.41000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Aroclor-1268	0.00000	2.41000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Benzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Benzo(a)anthracene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Benzo(a)pyrene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Benzo(b)fluoranthene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Benzo(k)fluoranthene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	n-Butylbenzene	0.10999	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Chrysene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Dibenzo(a,h)anthracene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Isopropylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	p-Isopropyltoluene	0.07000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Lead	131.00000	12.00000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Mercury	0.87999	0.60000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	2-Methylnaphthalene	0.00000	0.36000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	n-Propylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Tetrachloroethene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	1,2,4-Trimethylbenzene	0.09000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	1,3,5-Trimethylbenzene	0.05999	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Aroclor-1016	0.00000	2.31000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Aroclor-1248	0.00000	2.31000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Aroclor-1254	0.00000	2.31000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Aroclor-1260	0.00000	2.31000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Aroclor-1268	0.00000	2.31000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Benzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Benzo(a)anthracene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Benzo(a)pyrene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Benzo(b)fluoranthene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Benzo(k)fluoranthene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	n-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	sec-Butylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Chrysene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Isopropylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	p-Isopropyltoluene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Lead	146.00000	11.60000	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Mercury	0.00000	0.57999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	2-Methylnaphthalene	0.00000	0.34999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	n-Propylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Tetrachloroethene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Aroclor-1016	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Aroclor-1248	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Aroclor-1254	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Aroclor-1260	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Aroclor-1268	0.00000	2.25000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Benzo(a)anthracene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Benzo(a)pyrene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Chrysene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Lead	0.00000	11.30000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Mercury	0.00000	0.56000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	2-Methylnaphthalene	0.00000	0.34000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Aroclor-1016	0.00000	2.39000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Aroclor-1248	0.00000	2.39000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Aroclor-1254	0.00000	2.39000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Aroclor-1260	0.00000	2.39000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Aroclor-1268	0.00000	2.39000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Benzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Benzo(a)anthracene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Benzo(a)pyrene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	n-Butylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	sec-Butylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Chrysene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Isopropylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	p-Isopropyltoluene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Lead	43.10000	12.00000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Mercury	2.01000	0.60000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	2-Methylnaphthalene	0.00000	0.36000	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	n-Propylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Tetrachloroethene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Aroclor-1016	0.00000	2.24000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Aroclor-1248	0.00000	2.24000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Aroclor-1254	0.00000	2.24000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Aroclor-1260	0.00000	2.24000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Aroclor-1268	0.00000	2.24000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Benzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Benzo(a)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Benzo(a)pyrene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Benzo(b)fluoranthene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Benzo(k)fluoranthene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	n-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	sec-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Chrysene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Isopropylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	p-Isopropyltoluene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Lead	289.00000	11.20000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Mercury	0.00000	0.56000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	2-Methylnaphthalene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	n-Propylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Tetrachloroethene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Aroclor-1016	0.00000	2.12000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Aroclor-1248	0.00000	2.12000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Aroclor-1254	0.00000	2.12000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Aroclor-1260	0.00000	2.12000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Aroclor-1268	0.00000	2.12000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Benzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Benzo(a)anthracene	0.69999	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Benzo(a)pyrene	0.94999	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Benzo(b)fluoranthene	1.06000	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Benzo(k)fluoranthene	0.99000	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Chrysene	0.80000	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Dibenzo(a,h)anthracene	0.47999	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Lead	454.00000	10.60000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Mercury	0.00000	0.52999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	2-Methylnaphthalene	0.00000	0.31999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Aroclor-1016	0.00000	2.28000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Aroclor-1248	0.00000	2.28000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Aroclor-1254	0.00000	2.28000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Aroclor-1260	0.00000	2.28000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Aroclor-1268	0.00000	2.28000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Benzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Benzo(a)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Benzo(a)pyrene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Benzo(b)fluoranthene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Benzo(k)fluoranthene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	n-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	sec-Butylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Chrysene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Isopropylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	p-Isopropyltoluene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Lead	339.00000	11.40000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Mercury	0.00000	0.56999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	2-Methylnaphthalene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	n-Propylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Tetrachloroethene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Aroclor-1016	0.00000	2.38000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Aroclor-1248	0.00000	2.38000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Aroclor-1254	0.00000	2.38000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Aroclor-1260	0.00000	2.38000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Aroclor-1268	0.00000	2.38000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Benzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Benzo(a)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Benzo(a)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Benzo(b)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Benzo(k)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	n-Butylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	sec-Butylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Chrysene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Isopropylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	p-Isopropyltoluene	0.14000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Lead	0.00000	11.90000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Mercury	0.00000	0.58999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	2-Methylnaphthalene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	n-Propylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Tetrachloroethene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	1,3,5-Trimethylbenzene	0.07000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Aroclor-1016	0.00000	2.23000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Aroclor-1248	0.00000	2.23000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Aroclor-1254	0.00000	2.23000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Aroclor-1260	0.00000	2.23000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Aroclor-1268	0.00000	2.23000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Benzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Benzo(a)anthracene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Benzo(a)pyrene	0.47999	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Benzo(b)fluoranthene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Benzo(k)fluoranthene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	n-Butylbenzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	sec-Butylbenzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Chrysene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Isopropylbenzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	p-Isopropyltoluene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Lead	196.00000	11.10000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Mercury	1.79000	0.56000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	2-Methylnaphthalene	0.00000	0.33000	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	n-Propylbenzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Tetrachloroethene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	5.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Aroclor-1016	0.00000	2.41000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Aroclor-1248	0.00000	2.41000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Aroclor-1254	0.00000	2.41000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Aroclor-1260	0.00000	2.41000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Aroclor-1268	0.00000	2.41000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	n-Butylbenzene	0.37999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	sec-Butylbenzene	0.46000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Chrysene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Lead	198.00000	12.10000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Mercury	0.63999	0.60000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	n-Propylbenzene	0.11999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	1,2,4-Trimethylbenzene	0.41999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Aroclor-1016	0.00000	2.50000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Aroclor-1248	0.00000	2.50000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Aroclor-1254	0.00000	2.50000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Aroclor-1260	0.00000	2.50000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Aroclor-1268	0.00000	2.50000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Benzo(a)anthracene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Benzo(a)pyrene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Benzo(b)fluoranthene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Benzo(k)fluoranthene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Chrysene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Lead	51.30000	12.50000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Mercury	1.37000	0.62999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	2-Methylnaphthalene	0.00000	0.37000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Aroclor-1016	0.00000	2.55000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Aroclor-1248	0.00000	2.55000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Aroclor-1254	0.00000	2.55000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Aroclor-1260	0.00000	2.55000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Aroclor-1268	0.00000	2.55000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Benzo(a)anthracene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Benzo(a)pyrene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Benzo(b)fluoranthene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Benzo(k)fluoranthene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Chrysene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Dibenzo(a,h)anthracene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Lead	0.00000	12.80000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Mercury	0.00000	0.63999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	2-Methylnaphthalene	0.00000	0.37999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Aroclor-1016	0.00000	2.30000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Aroclor-1248	0.00000	2.30000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Aroclor-1254	0.00000	2.30000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Aroclor-1260	0.00000	2.30000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Aroclor-1268	0.00000	2.30000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Benzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Benzo(a)anthracene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Benzo(a)pyrene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	n-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	sec-Butylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Chrysene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Isopropylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	p-Isopropyltoluene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Lead	20.70000	11.50000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Mercury	4.76000	0.56999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	2-Methylnaphthalene	0.00000	0.34000	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	n-Propylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Tetrachloroethene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	3.0	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Aroclor-1016	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Aroclor-1248	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Aroclor-1254	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Aroclor-1260	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Aroclor-1268	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Benzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Benzo(a)anthracene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Benzo(a)pyrene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Benzo(b)fluoranthene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Benzo(k)fluoranthene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	n-Butylbenzene	1.40000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	sec-Butylbenzene	2.50000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Chrysene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Isopropylbenzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	p-Isopropyltoluene	1.70000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Lead	173.00000	12.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Mercury	3.60000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	2-Methylnaphthalene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	n-Propylbenzene	0.91000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Tetrachloroethene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	1,2,4-Trimethylbenzene	1.80000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	1,3,5-Trimethylbenzene	1.10000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Aroclor-1016	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Aroclor-1248	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Aroclor-1254	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Aroclor-1260	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Aroclor-1268	0.00000	2.45000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Benzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Benzo(a)anthracene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Benzo(a)pyrene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Benzo(b)fluoranthene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Benzo(k)fluoranthene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	n-Butylbenzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	sec-Butylbenzene	0.75000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Chrysene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Isopropylbenzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	p-Isopropyltoluene	0.77999	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Lead	39.80000	12.20000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Mercury	0.72000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	2-Methylnaphthalene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	n-Propylbenzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Tetrachloroethene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	1,2,4-Trimethylbenzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	1,3,5-Trimethylbenzene	0.00000	0.61000	3.0	3.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Aroclor-1016	0.00000	2.25000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Aroclor-1248	0.00000	2.25000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Aroclor-1254	0.00000	2.25000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Aroclor-1260	0.00000	2.25000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Aroclor-1268	0.00000	2.25000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Benzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Benzo(a)anthracene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Benzo(a)pyrene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Benzo(b)fluoranthene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Benzo(k)fluoranthene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	n-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	sec-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Chrysene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Dibenzo(a,h)anthracene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Isopropylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	p-Isopropyltoluene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Lead	0.00000	11.20000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Mercury	0.00000	0.56000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	2-Methylnaphthalene	0.00000	0.34000	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	n-Propylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Tetrachloroethene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Aroclor-1016	0.00000	2.20000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Aroclor-1248	0.00000	2.20000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Aroclor-1254	0.00000	2.20000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Aroclor-1260	0.00000	2.20000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Aroclor-1268	0.00000	2.20000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Benzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Benzo(a)anthracene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Benzo(a)pyrene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Benzo(b)fluoranthene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Benzo(k)fluoranthene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	n-Butylbenzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	sec-Butylbenzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Chrysene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Isopropylbenzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	p-Isopropyltoluene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Lead	24.20000	11.00000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Mercury	2.85000	0.55000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	2-Methylnaphthalene	0.00000	0.33000	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	n-Propylbenzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Tetrachloroethene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.5	2.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Aroclor-1016	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Aroclor-1248	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Aroclor-1254	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Aroclor-1260	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Aroclor-1268	0.00000	2.39000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Benzene	0.00000	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Benzo(a)anthracene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Benzo(a)pyrene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Benzo(b)fluoranthene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Benzo(k)fluoranthene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	n-Butylbenzene	1.60000	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	sec-Butylbenzene	0.61000	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Chrysene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Dibenzo(a,h)anthracene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Isopropylbenzene	0.62999	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	p-Isopropyltoluene	0.41999	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Lead	97.50000	12.00000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Mercury	2.33000	0.60000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	2-Methylnaphthalene	0.43000	0.36000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	n-Propylbenzene	0.00000	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Tetrachloroethene	0.00000	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	1,2,4-Trimethylbenzene	0.31999	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	1,3,5-Trimethylbenzene	0.70999	0.30000	3.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Aroclor-1016	0.00000	2.31000	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Aroclor-1248	0.00000	2.31000	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Aroclor-1254	0.00000	2.31000	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Aroclor-1260	0.00000	2.31000	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Aroclor-1268	0.00000	2.31000	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Benzene	0.00000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Benzo(a)anthracene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Benzo(a)pyrene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Benzo(b)fluoranthene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Benzo(k)fluoranthene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	n-Butylbenzene	7.10000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	sec-Butylbenzene	2.10000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Chrysene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Isopropylbenzene	3.00000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	p-Isopropyltoluene	2.20000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Lead	188.00000	11.60000	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Mercury	1.10000	0.57999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	2-Methylnaphthalene	1.24000	0.34999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	n-Propylbenzene	0.89999	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Tetrachloroethene	0.00000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	1,2,4-Trimethylbenzene	2.10000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	1,3,5-Trimethylbenzene	4.50000	0.28999	2.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97097-HMS-02	4/7/1997	97097-HMS-02	soil	862515.06	431170.91	Mercury	7.88000	0.52999	0.0	6.0	2	0	comp	post excavation 3-pt E sidewall		HMS	0	QAL
97097-HMS-08	4/7/1997	97097-HMS-08	soil	862512.69	431191.16	Mercury	0.00000	0.54000	2.0	3.0	1	0	comp	post excavation 5-pt bottom		HMS	0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Aroclor-1016	0.00000	2.22000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Aroclor-1248	0.00000	2.22000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Aroclor-1254	0.00000	2.22000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Aroclor-1260	0.00000	2.22000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Aroclor-1268	3.10000	2.22000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Benzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Benzo(a)anthracene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Benzo(a)pyrene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	n-Butylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	sec-Butylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Chrysene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Isopropylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	p-Isopropyltoluene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Lead	194.00000	11.10000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Mercury	3.03000	0.55000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	2-Methylnaphthalene	0.00000	0.33000	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	n-Propylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Tetrachloroethene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Aroclor-1016	0.00000	2.21000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Aroclor-1248	0.00000	2.21000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Aroclor-1254	0.00000	2.21000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Aroclor-1260	0.00000	2.21000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Aroclor-1268	0.00000	2.21000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Benzene	0.23999	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Benzo(a)anthracene	0.86000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Benzo(a)pyrene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Benzo(b)fluoranthene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Benzo(k)fluoranthene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	n-Butylbenzene	2.70000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	sec-Butylbenzene	1.60000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Chrysene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Isopropylbenzene	3.00000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	p-Isopropyltoluene	1.80000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Lead	305.00000	11.10000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Mercury	0.00000	0.55000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	2-Methylnaphthalene	0.00000	0.33000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	n-Propylbenzene	1.60000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Tetrachloroethene	0.00000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	1,2,4-Trimethylbenzene	8.00000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	1,3,5-Trimethylbenzene	2.60000	0.21999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Aroclor-1016	0.00000	2.40000	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Aroclor-1248	0.00000	2.40000	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Aroclor-1254	0.00000	2.40000	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Aroclor-1260	0.00000	2.40000	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Aroclor-1268	0.00000	2.40000	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Benzene	0.00000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Benzo(a)anthracene	2.58000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Benzo(a)pyrene	0.00000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Benzo(b)fluoranthene	1.17000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Benzo(k)fluoranthene	1.37000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	n-Butylbenzene	0.79000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	sec-Butylbenzene	1.10000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Chrysene	2.11000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Dibenzo(a,h)anthracene	0.00000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Indeno(1,2,3-cd)pyrene	0.00000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Isopropylbenzene	0.83999	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	p-Isopropyltoluene	0.97000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Lead	0.00000	11.70000	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Mercury	0.00000	0.57999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	2-Methylnaphthalene	0.00000	0.69999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	n-Propylbenzene	0.37999	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Tetrachloroethene	0.00000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	1,2,4-Trimethylbenzene	0.25000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	1,3,5-Trimethylbenzene	0.60000	0.05999	0.0	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Aroclor-1016	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Aroclor-1248	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Aroclor-1254	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Aroclor-1260	0.00000	2.35000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Aroclor-1268	2.40000	2.35000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Lead	99.20000	11.70000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-05	4/9/1997	97099-BM4-05	soil	861431.69	431451.44	Mercury	10.40000	0.58999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Aroclor-1016	0.00000	2.33000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Aroclor-1248	0.00000	2.33000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Aroclor-1254	0.00000	2.33000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Aroclor-1260	0.00000	2.33000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Aroclor-1268	0.00000	2.33000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Benzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Benzo(a)anthracene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Benzo(a)pyrene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Benzo(b)fluoranthene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Benzo(k)fluoranthene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	n-Butylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	sec-Butylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Chrysene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Dibenzo(a,h)anthracene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Isopropylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	p-Isopropyltoluene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Lead	39.50000	11.60000	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Mercury	3.84000	0.57999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	2-Methylnaphthalene	0.00000	0.34999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	n-Propylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Tetrachloroethene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Aroclor-1016	0.00000	2.44000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Aroclor-1248	0.00000	2.44000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Aroclor-1254	0.00000	2.44000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Aroclor-1260	0.00000	2.44000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Aroclor-1268	0.00000	2.44000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Benzene	0.00000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Benzo(a)anthracene	0.40999	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Benzo(a)pyrene	0.00000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Benzo(b)fluoranthene	0.00000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Benzo(k)fluoranthene	0.00000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	n-Butylbenzene	3.20000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	sec-Butylbenzene	4.30000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Chrysene	0.00000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Dibenzo(a,h)anthracene	0.00000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Isopropylbenzene	4.30000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	p-Isopropyltoluene	0.00000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Lead	0.00000	12.20000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Mercury	2.21000	0.61000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	2-Methylnaphthalene	4.91000	0.37000	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	n-Propylbenzene	2.00000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Tetrachloroethene	0.00000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	1,2,4-Trimethylbenzene	0.37000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	1,3,5-Trimethylbenzene	1.50000	0.23999	3.5	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Aroclor-1016	0.00000	2.72000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Aroclor-1248	0.00000	2.72000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Aroclor-1254	0.00000	2.72000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Aroclor-1260	0.00000	2.72000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Aroclor-1268	2.70000	2.72000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Benzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Benzo(a)anthracene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Benzo(a)pyrene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Benzo(b)fluoranthene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Benzo(k)fluoranthene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	n-Butylbenzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	sec-Butylbenzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Chrysene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Dibenzo(a,h)anthracene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Isopropylbenzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	p-Isopropyltoluene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Lead	73.40000	13.60000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Mercury	1.02000	0.68000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	2-Methylnaphthalene	0.00000	0.40999	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	n-Propylbenzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Tetrachloroethene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	1,2,4-Trimethylbenzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	1,3,5-Trimethylbenzene	0.00000	0.07000	3.0	3.5	1	0	comp	post excavation 2-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Aroclor-1016	0.00000	2.38000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Aroclor-1248	0.00000	2.38000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Aroclor-1254	0.00000	2.38000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Aroclor-1260	0.00000	2.38000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Aroclor-1268	0.00000	2.38000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Lead	0.00000	11.90000	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Mercury	7.48000	0.58999	2.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Aroclor-1016	0.00000	2.43000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Aroclor-1248	0.00000	2.43000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Aroclor-1254	0.00000	2.43000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Aroclor-1260	0.00000	2.43000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Aroclor-1268	0.00000	2.43000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Benzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Benzo(a)anthracene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Benzo(a)pyrene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Benzo(b)fluoranthene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Benzo(k)fluoranthene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	n-Butylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	sec-Butylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Chrysene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Isopropylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	p-Isopropyltoluene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Lead	15.80000	12.20000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Mercury	0.00000	0.61000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	2-Methylnaphthalene	0.00000	0.36000	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	n-Propylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Tetrachloroethene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	4.0	2	0	comp	post excavation 3-pt S sidewall			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Aroclor-1016	0.00000	2.56000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Aroclor-1248	0.00000	2.56000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Aroclor-1254	0.00000	2.56000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Aroclor-1260	0.00000	2.56000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Aroclor-1268	0.00000	2.56000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Benzene	0.00000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Benzo(a)anthracene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Benzo(a)pyrene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Benzo(b)fluoranthene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Benzo(k)fluoranthene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	n-Butylbenzene	2.60000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	sec-Butylbenzene	4.10000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Chrysene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Dibenzo(a,h)anthracene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Isopropylbenzene	7.60000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	p-Isopropyltoluene	6.70000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Lead	217.00000	12.80000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Mercury	0.70999	0.63999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	2-Methylnaphthalene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	n-Propylbenzene	2.30000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Tetrachloroethene	0.00000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	1,2,4-Trimethylbenzene	3.30000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	1,3,5-Trimethylbenzene	0.00000	1.30000	3.5	3.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Aroclor-1016	0.00000	2.50000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Aroclor-1248	0.00000	2.50000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Aroclor-1254	0.00000	2.50000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Aroclor-1260	0.00000	2.50000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Aroclor-1268	0.00000	2.50000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Benzene	0.00000	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Benzo(a)anthracene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Benzo(a)pyrene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Benzo(b)fluoranthene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Benzo(k)fluoranthene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	n-Butylbenzene	0.46999	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	sec-Butylbenzene	0.75999	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Chrysene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Isopropylbenzene	0.00000	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	p-Isopropyltoluene	0.38999	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Lead	101.00000	12.50000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Mercury	3.72000	0.62000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	2-Methylnaphthalene	0.00000	0.37000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	n-Propylbenzene	0.37000	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Tetrachloroethene	0.00000	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	1,2,4-Trimethylbenzene	0.46000	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	1,3,5-Trimethylbenzene	0.58999	0.31000	3.0	3.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Aroclor-1016	0.00000	27.00000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Aroclor-1248	0.00000	27.00000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Aroclor-1254	0.00000	27.00000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Aroclor-1260	0.00000	27.00000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Aroclor-1268	35.00000	27.00000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Benzene	0.00000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Benzo(a)anthracene	0.00000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Benzo(a)pyrene	1.39000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Benzo(b)fluoranthene	1.27000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Benzo(k)fluoranthene	1.48000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	n-Butylbenzene	9.40000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	sec-Butylbenzene	17.80000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Chrysene	2.62000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Dibenzo(a,h)anthracene	0.00000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Isopropylbenzene	26.60000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	p-Isopropyltoluene	3.90000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Lead	3680.00000	13.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Mercury	67.30000	0.67000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	2-Methylnaphthalene	1.43000	0.40000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	n-Propylbenzene	5.30000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	Tetrachloroethene	0.66000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	1,2,4-Trimethylbenzene	6.80000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-01	4/14/1997	MH-S8	soil	861317.06	431430.94	1,3,5-Trimethylbenzene	8.00000	0.33000	3.5	5.5	0	0	grab	MH-S8, C ST sewer manhole SW corner BMI4		SRA	0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Aroclor-1016	0.00000	2.27000	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Aroclor-1248	0.00000	2.27000	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Aroclor-1254	0.00000	2.27000	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Aroclor-1260	0.00000	2.27000	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Aroclor-1268	0.00000	2.27000	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Lead	60.70000	11.40000	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Mercury	4.80000	0.56999	0.0	0.1	0	0	comp	area of drum sump W BMI4 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Aroclor-1016	0.00000	2.60000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Aroclor-1248	0.00000	2.60000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Aroclor-1254	0.00000	2.60000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Aroclor-1260	0.00000	2.60000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Aroclor-1268	0.00000	2.60000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Lead	33.20000	13.00000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Mercury	1.36000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Aroclor-1016	0.00000	2.51000	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Aroclor-1248	0.00000	2.51000	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Aroclor-1254	0.00000	2.51000	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Aroclor-1260	0.00000	2.51000	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Aroclor-1268	0.00000	2.51000	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Benzene	0.00000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Benzo(a)anthracene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Benzo(a)pyrene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Benzo(b)fluoranthene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Benzo(k)fluoranthene	0.40999	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	n-Butylbenzene	22.30000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	sec-Butylbenzene	6.50000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Chrysene	0.69999	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Dibenzo(a,h)anthracene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Isopropylbenzene	7.70000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	p-Isopropyltoluene	10.50000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Lead	62.60000	12.50000	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Mercury	2.12000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	2-Methylnaphthalene	5.80000	0.37999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	n-Propylbenzene	3.10000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Tetrachloroethene	0.00000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	1,2,4-Trimethylbenzene	12.00000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	1,3,5-Trimethylbenzene	13.30000	0.62999	3.5	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Aroclor-1016	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Aroclor-1248	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Aroclor-1254	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Aroclor-1260	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Aroclor-1268	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Lead	20.90000	12.70000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Mercury	0.75999	0.63999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Aroclor-1016	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Aroclor-1248	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Aroclor-1254	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Aroclor-1260	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Aroclor-1268	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Benzene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Benzo(a)anthracene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Benzo(a)pyrene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Benzo(b)fluoranthene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Benzo(k)fluoranthene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	n-Butylbenzene	2.20000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	sec-Butylbenzene	3.40000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Chrysene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Dibenzo(a,h)anthracene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Isopropylbenzene	6.70000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	p-Isopropyltoluene	5.60000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Lead	44.70000	13.00000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Mercury	2.49000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	2-Methylnaphthalene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	n-Propylbenzene	2.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Tetrachloroethene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	1,2,4-Trimethylbenzene	2.80000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	1,3,5-Trimethylbenzene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Aroclor-1016	0.00000	2.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Aroclor-1248	0.00000	2.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Aroclor-1254	0.00000	2.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Aroclor-1260	0.00000	2.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Aroclor-1268	0.00000	2.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Benzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Benzo(a)anthracene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Benzo(a)pyrene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Benzo(b)fluoranthene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Benzo(k)fluoranthene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	n-Butylbenzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	sec-Butylbenzene	1.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Chrysene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Dibenzo(a,h)anthracene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Isopropylbenzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	p-Isopropyltoluene	1.80000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Lead	33.40000	13.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Mercury	3.01000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	2-Methylnaphthalene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	n-Propylbenzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Tetrachloroethene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	1,2,4-Trimethylbenzene	0.82999	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	1,3,5-Trimethylbenzene	1.10000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Aroclor-1016	0.00000	2.27000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Aroclor-1248	0.00000	2.27000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Aroclor-1254	0.00000	2.27000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Aroclor-1260	0.00000	2.27000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Aroclor-1268	0.00000	2.27000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Benzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Benzo(a)anthracene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Benzo(a)pyrene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Benzo(b)fluoranthene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Benzo(k)fluoranthene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	n-Butylbenzene	0.15000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	sec-Butylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Chrysene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Dibenzo(a,h)anthracene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Isopropylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	p-Isopropyltoluene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Lead	83.40000	11.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Mercury	0.00000	0.56999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	2-Methylnaphthalene	0.00000	0.34000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	n-Propylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Tetrachloroethene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	1,3,5-Trimethylbenzene	0.18000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Aroclor-1016	0.00000	2.38000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Aroclor-1248	0.00000	2.38000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Aroclor-1254	0.00000	2.38000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Aroclor-1260	0.00000	2.38000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Aroclor-1268	0.00000	2.38000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Benzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Benzo(a)anthracene	0.58999	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Benzo(a)pyrene	0.36000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Benzo(b)fluoranthene	0.00000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Benzo(k)fluoranthene	0.00000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	n-Butylbenzene	1.30000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	sec-Butylbenzene	1.40000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Chrysene	0.00000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Dibenzo(a,h)anthracene	0.00000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Isopropylbenzene	0.76999	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	p-Isopropyltoluene	0.62000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Lead	47.50000	11.90000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Mercury	0.00000	0.58999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	2-Methylnaphthalene	1.33000	0.36000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	n-Propylbenzene	0.50999	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Tetrachloroethene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	1,2,4-Trimethylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	1,3,5-Trimethylbenzene	0.87999	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Aroclor-1016	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Aroclor-1248	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Aroclor-1254	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Aroclor-1260	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Aroclor-1268	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Benzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Benzo(a)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Benzo(a)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Benzo(b)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Benzo(k)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	n-Butylbenzene	0.10000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	sec-Butylbenzene	0.20000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Chrysene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Isopropylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	p-Isopropyltoluene	0.12999	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Lead	217.00000	12.10000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Mercury	1.40000	0.61000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	2-Methylnaphthalene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	n-Propylbenzene	0.07000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Tetrachloroethene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	1,2,4-Trimethylbenzene	0.10000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	1,3,5-Trimethylbenzene	0.15999	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Aroclor-1016	0.00000	2.47000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Aroclor-1248	0.00000	2.47000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Aroclor-1254	0.00000	2.47000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Aroclor-1260	0.00000	2.47000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Aroclor-1268	0.00000	2.47000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Benzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Benzo(a)anthracene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Benzo(a)pyrene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Benzo(b)fluoranthene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Benzo(k)fluoranthene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	n-Butylbenzene	1.80000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	sec-Butylbenzene	0.93000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Chrysene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Isopropylbenzene	1.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	p-Isopropyltoluene	0.74000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Lead	73.50000	12.40000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Mercury	1.74000	0.62000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	2-Methylnaphthalene	0.00000	0.37000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	n-Propylbenzene	0.37000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Tetrachloroethene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	1,2,4-Trimethylbenzene	0.31999	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	1,3,5-Trimethylbenzene	1.10000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Aroclor-1016	0.00000	2.72000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Aroclor-1248	0.00000	2.72000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Aroclor-1254	0.00000	2.72000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Aroclor-1260	0.00000	2.72000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Aroclor-1268	0.00000	2.72000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Benzene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Benzo(a)anthracene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Benzo(a)pyrene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Benzo(b)fluoranthene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Benzo(k)fluoranthene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	n-Butylbenzene	3.80000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	sec-Butylbenzene	1.50000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Chrysene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Dibenzo(a,h)anthracene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Isopropylbenzene	1.70000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	p-Isopropyltoluene	0.76999	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Lead	215.00000	13.60000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Mercury	5.20000	0.68000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	2-Methylnaphthalene	1.15000	0.40999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	n-Propylbenzene	0.61000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Tetrachloroethene	0.00000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	1,2,4-Trimethylbenzene	1.10000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	1,3,5-Trimethylbenzene	2.10000	0.07000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Aroclor-1016	0.00000	2.33000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Aroclor-1248	0.00000	2.33000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Aroclor-1254	0.00000	2.33000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Aroclor-1260	0.00000	2.33000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Aroclor-1268	0.00000	2.33000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Benzo(a)anthracene	5.46000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Benzo(a)pyrene	5.97000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Benzo(b)fluoranthene	3.95000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Benzo(k)fluoranthene	4.08000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	n-Butylbenzene	0.36000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	sec-Butylbenzene	0.27000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Chrysene	6.54000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Dibenzo(a,h)anthracene	1.60000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Indeno(1,2,3-cd)pyrene	2.63000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Isopropylbenzene	0.34999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Lead	151.00000	11.70000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Mercury	10.00000	0.57999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	2-Methylnaphthalene	0.00000	0.34999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	n-Propylbenzene	0.05999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	1,2,4-Trimethylbenzene	0.12999	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	1,3,5-Trimethylbenzene	0.18000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Aroclor-1016	0.00000	2.29000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Aroclor-1248	0.00000	2.29000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Aroclor-1254	0.00000	2.29000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Aroclor-1260	0.00000	2.29000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Aroclor-1268	0.00000	2.29000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Benzene	0.00000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Benzo(a)anthracene	4.10000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Benzo(a)pyrene	1.99000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Benzo(b)fluoranthene	1.58000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Benzo(k)fluoranthene	1.76000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	n-Butylbenzene	0.34000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	sec-Butylbenzene	0.34000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Chrysene	4.95000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Dibenzo(a,h)anthracene	0.67000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Indeno(1,2,3-cd)pyrene	1.02000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Isopropylbenzene	0.31999	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	p-Isopropyltoluene	0.00000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Lead	305.00000	11.50000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Mercury	1.16000	0.56999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	2-Methylnaphthalene	1.54000	0.34000	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	n-Propylbenzene	0.15000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Tetrachloroethene	0.00000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	1,2,4-Trimethylbenzene	0.18000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	1,3,5-Trimethylbenzene	0.27000	0.05999	1.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Aroclor-1016	0.00000	2.27000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Aroclor-1248	0.00000	2.27000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Aroclor-1254	0.00000	2.27000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Aroclor-1260	0.00000	2.27000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Aroclor-1268	0.00000	2.27000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Benzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Benzo(a)anthracene	3.84000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Benzo(a)pyrene	2.87000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Benzo(b)fluoranthene	1.86000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Benzo(k)fluoranthene	1.96000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	n-Butylbenzene	0.25000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	sec-Butylbenzene	0.17000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Chrysene	4.30000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Indeno(1,2,3-cd)pyrene	1.37000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Isopropylbenzene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	p-Isopropyltoluene	0.23999	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Lead	316.00000	11.40000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Mercury	2.90000	0.56999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	2-Methylnaphthalene	0.68000	0.34000	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	n-Propylbenzene	0.07000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Tetrachloroethene	0.00000	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	1,2,4-Trimethylbenzene	0.11999	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	1,3,5-Trimethylbenzene	0.18999	0.05999	1.0	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Aroclor-1016	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Aroclor-1248	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Aroclor-1254	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Aroclor-1260	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Aroclor-1268	7.90000	2.27000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Benzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Benzo(a)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Benzo(a)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	n-Butylbenzene	0.07999	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	sec-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Chrysene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Isopropylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	p-Isopropyltoluene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Lead	330.00000	11.40000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Mercury	6.54000	0.56999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	2-Methylnaphthalene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	n-Propylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Tetrachloroethene	0.05999	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	1,3,5-Trimethylbenzene	0.10000	0.05999	0.0	1.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Aroclor-1016	0.00000	2.29000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Aroclor-1248	0.00000	2.29000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Aroclor-1254	0.00000	2.29000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Aroclor-1260	0.00000	2.29000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Aroclor-1268	2.60000	2.29000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Benzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Benzo(a)anthracene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Benzo(a)pyrene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Benzo(b)fluoranthene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Benzo(k)fluoranthene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	n-Butylbenzene	0.07999	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	sec-Butylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Chrysene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Isopropylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	p-Isopropyltoluene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Lead	313.00000	11.50000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Mercury	3.65000	0.56999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	2-Methylnaphthalene	0.00000	0.34000	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	n-Propylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Tetrachloroethene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	1,3,5-Trimethylbenzene	0.10000	0.05999	0.0	3.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Aroclor-1016	0.00000	2.37000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Aroclor-1248	0.00000	2.37000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Aroclor-1254	0.00000	2.37000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Aroclor-1260	0.00000	2.37000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Aroclor-1268	0.00000	2.37000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Benzene	0.00000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Benzo(a)anthracene	0.81000	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Benzo(a)pyrene	0.60000	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Benzo(b)fluoranthene	0.36000	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Benzo(k)fluoranthene	0.00000	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	n-Butylbenzene	0.14000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	sec-Butylbenzene	0.12999	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Chrysene	0.93999	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Dibenzo(a,h)anthracene	0.00000	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Isopropylbenzene	0.00000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	p-Isopropyltoluene	0.00000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Lead	0.00000	11.80000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Mercury	0.00000	0.58999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	2-Methylnaphthalene	0.44999	0.36000	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	n-Propylbenzene	0.00000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Tetrachloroethene	0.00000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	1,2,4-Trimethylbenzene	0.05999	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	1,3,5-Trimethylbenzene	0.15000	0.05999	4.0	5.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Aroclor-1016	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Aroclor-1248	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Aroclor-1254	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Aroclor-1260	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Aroclor-1268	0.00000	2.25000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Lead	253.00000	11.30000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Mercury	3.10000	0.56000	0.0	2.0	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Aroclor-1016	0.00000	2.47000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Aroclor-1248	0.00000	2.47000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Aroclor-1254	0.00000	2.47000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Aroclor-1260	0.00000	2.47000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Aroclor-1268	0.00000	2.47000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Benzene	0.00000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Benzo(a)anthracene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Benzo(a)pyrene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Benzo(b)fluoranthene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Benzo(k)fluoranthene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	n-Butylbenzene	2.80000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	sec-Butylbenzene	2.80000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Chrysene	0.81000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Isopropylbenzene	2.50000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	p-Isopropyltoluene	1.50000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Lead	0.00000	12.30000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Mercury	0.00000	0.62000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	2-Methylnaphthalene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	n-Propylbenzene	0.82999	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Tetrachloroethene	0.00000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	1,2,4-Trimethylbenzene	0.46999	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	1,3,5-Trimethylbenzene	3.40000	0.31000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Aroclor-1016	0.00000	2.68000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Aroclor-1248	0.00000	2.68000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Aroclor-1254	0.00000	2.68000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Aroclor-1260	0.00000	2.68000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Aroclor-1268	0.00000	2.68000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Benzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Benzo(a)anthracene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Benzo(a)pyrene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Benzo(b)fluoranthene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Benzo(k)fluoranthene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	n-Butylbenzene	0.73000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	sec-Butylbenzene	1.10000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Chrysene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Dibenzo(a,h)anthracene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Isopropylbenzene	1.90000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	p-Isopropyltoluene	1.80000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Lead	40.20000	13.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Mercury	2.33000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	2-Methylnaphthalene	0.00000	0.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	n-Propylbenzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Tetrachloroethene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	1,2,4-Trimethylbenzene	1.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	1,3,5-Trimethylbenzene	0.00000	0.67000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Aroclor-1016	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Aroclor-1248	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Aroclor-1254	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Aroclor-1260	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Aroclor-1268	0.00000	2.59000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Benzene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Benzo(a)anthracene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Benzo(a)pyrene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Benzo(b)fluoranthene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Benzo(k)fluoranthene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	n-Butylbenzene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	sec-Butylbenzene	1.30000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Chrysene	0.56999	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Dibenzo(a,h)anthracene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Isopropylbenzene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	p-Isopropyltoluene	1.30000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Lead	40.20000	13.00000	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Mercury	0.81000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	2-Methylnaphthalene	0.00000	0.38999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	n-Propylbenzene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Tetrachloroethene	0.00000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	1,2,4-Trimethylbenzene	0.75999	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	1,3,5-Trimethylbenzene	1.10000	0.64999	3.0	3.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Aroclor-1016	0.00000	2.30000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Aroclor-1248	0.00000	2.30000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Aroclor-1254	0.00000	2.30000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Aroclor-1260	0.00000	2.30000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Aroclor-1268	0.00000	2.30000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Benzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Benzo(a)anthracene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Benzo(a)pyrene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Benzo(b)fluoranthene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Benzo(k)fluoranthene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	n-Butylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	sec-Butylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Chrysene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Isopropylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	p-Isopropyltoluene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Lead	61.90000	11.50000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Mercury	1.40000	0.56999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	2-Methylnaphthalene	0.00000	0.34000	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	n-Propylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Tetrachloroethene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	2.5	2	0	comp	post excavation E sidewall 3-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Aroclor-1016	0.00000	2.31000	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Aroclor-1248	0.00000	2.31000	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Aroclor-1254	0.00000	2.31000	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Aroclor-1260	0.00000	2.31000	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Aroclor-1268	2.30000	2.31000	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Benzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Benzo(a)anthracene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Benzo(a)pyrene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Benzo(b)fluoranthene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Benzo(k)fluoranthene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	n-Butylbenzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	sec-Butylbenzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Chrysene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Dibenzo(a,h)anthracene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Isopropylbenzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	p-Isopropyltoluene	0.07000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Lead	49.60000	11.50000	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Mercury	2.02000	0.57999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	2-Methylnaphthalene	0.00000	0.34999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	n-Propylbenzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Tetrachloroethene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	1,2,4-Trimethylbenzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	1,3,5-Trimethylbenzene	0.00000	0.05999	0.1	0.1	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Aroclor-1016	0.00000	2.22000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Aroclor-1248	0.00000	2.22000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Aroclor-1254	0.00000	2.22000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Aroclor-1260	0.00000	2.22000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Aroclor-1268	0.00000	2.22000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Benzene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Benzo(a)anthracene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Benzo(a)pyrene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Benzo(b)fluoranthene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Benzo(k)fluoranthene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	n-Butylbenzene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	sec-Butylbenzene	0.09000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Chrysene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Dibenzo(a,h)anthracene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Isopropylbenzene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	p-Isopropyltoluene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Lead	20.50000	11.10000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Mercury	0.00000	0.55000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	2-Methylnaphthalene	0.00000	0.33000	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	n-Propylbenzene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Tetrachloroethene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Aroclor-1016	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Aroclor-1248	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Aroclor-1254	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Aroclor-1260	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Aroclor-1268	0.00000	2.43000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Benzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Benzo(b)fluoranthene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Benzo(k)fluoranthene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	n-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	sec-Butylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Chrysene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Isopropylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	p-Isopropyltoluene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Lead	0.00000	12.20000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Mercury	0.00000	0.61000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	n-Propylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Tetrachloroethene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Aroclor-1016	0.00000	2.41000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Aroclor-1248	0.00000	2.41000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Aroclor-1254	0.00000	2.41000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Aroclor-1260	0.00000	2.41000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Aroclor-1268	0.00000	2.41000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Benzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Benzo(a)anthracene	0.83999	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Benzo(a)pyrene	0.54000	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Benzo(b)fluoranthene	0.00000	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Benzo(k)fluoranthene	0.00000	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	n-Butylbenzene	0.07000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	sec-Butylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Chrysene	0.94999	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Dibenzo(a,h)anthracene	0.00000	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Isopropylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	p-Isopropyltoluene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Lead	0.00000	12.00000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Mercury	0.00000	0.60000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	2-Methylnaphthalene	0.00000	0.36000	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	n-Propylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Tetrachloroethene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Aroclor-1016	0.00000	2.43000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Aroclor-1248	0.00000	2.43000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Aroclor-1254	0.00000	2.43000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Aroclor-1260	0.00000	2.43000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Aroclor-1268	0.00000	2.43000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Benzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Benzo(a)anthracene	1.86000	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Benzo(a)pyrene	1.57000	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Benzo(b)fluoranthene	0.76999	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Benzo(k)fluoranthene	0.98000	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	n-Butylbenzene	0.49000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	sec-Butylbenzene	0.43999	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Chrysene	2.19000	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Dibenzo(a,h)anthracene	0.58999	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Isopropylbenzene	0.47999	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	p-Isopropyltoluene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Lead	117.00000	12.20000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Mercury	4.06000	0.61000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	2-Methylnaphthalene	0.55000	0.36000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	n-Propylbenzene	0.21999	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Tetrachloroethene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	1,2,4-Trimethylbenzene	0.31000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	1,3,5-Trimethylbenzene	0.34000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Aroclor-1016	0.00000	2.57000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Aroclor-1248	0.00000	2.57000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Aroclor-1254	0.00000	2.57000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Aroclor-1260	0.00000	2.57000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Aroclor-1268	0.00000	2.57000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Benzene	0.00000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Benzo(a)anthracene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Benzo(a)pyrene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Benzo(b)fluoranthene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Benzo(k)fluoranthene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	n-Butylbenzene	7.40000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	sec-Butylbenzene	2.80000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Chrysene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Dibenzo(a,h)anthracene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Isopropylbenzene	4.50000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	p-Isopropyltoluene	2.90000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Lead	95.00000	12.80000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Mercury	0.00000	0.63999	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	2-Methylnaphthalene	2.23000	0.34000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	n-Propylbenzene	1.90000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Tetrachloroethene	0.00000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	1,2,4-Trimethylbenzene	3.00000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	1,3,5-Trimethylbenzene	3.10000	1.30000	3.5	4.0	1	0	comp	post excavation bottom 3-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Aroclor-1016	0.00000	2.41000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Aroclor-1248	0.00000	2.41000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Aroclor-1254	0.00000	2.41000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Aroclor-1260	0.00000	2.41000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Aroclor-1268	0.00000	2.41000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Benzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Benzo(a)anthracene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Benzo(a)pyrene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Benzo(b)fluoranthene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Benzo(k)fluoranthene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	n-Butylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	sec-Butylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Chrysene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Isopropylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	p-Isopropyltoluene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Lead	0.00000	12.10000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Mercury	0.00000	0.60000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	2-Methylnaphthalene	0.00000	0.36000	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	n-Propylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Tetrachloroethene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Aroclor-1016	0.00000	2.38000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Aroclor-1248	0.00000	2.38000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Aroclor-1254	0.00000	2.38000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Aroclor-1260	0.00000	2.38000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Aroclor-1268	0.00000	2.38000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Benzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Benzo(a)anthracene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Benzo(a)pyrene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Benzo(b)fluoranthene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Benzo(k)fluoranthene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	n-Butylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	sec-Butylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Chrysene	0.37000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Dibenzo(a,h)anthracene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Isopropylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	p-Isopropyltoluene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Lead	0.00000	11.90000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Mercury	0.00000	0.60000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	2-Methylnaphthalene	0.00000	0.36000	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	n-Propylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Tetrachloroethene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	1,3,5-Trimethylbenzene	0.00000	0.05999	3.5	4.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Aroclor-1016	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Aroclor-1248	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Aroclor-1254	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Aroclor-1260	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Aroclor-1268	0.00000	2.54000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Benzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Benzo(a)anthracene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Benzo(a)pyrene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Benzo(b)fluoranthene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Benzo(k)fluoranthene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	n-Butylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	sec-Butylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Chrysene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Dibenzo(a,h)anthracene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Isopropylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	p-Isopropyltoluene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Lead	20.90000	12.70000	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Mercury	0.91000	0.63999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	2-Methylnaphthalene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	n-Propylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Tetrachloroethene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	1,2,4-Trimethylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	1,3,5-Trimethylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Aroclor-1016	0.00000	2.30000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Aroclor-1248	0.00000	2.30000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Aroclor-1254	0.00000	2.30000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Aroclor-1260	0.00000	2.30000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Aroclor-1268	0.00000	2.30000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Benzene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Benzo(a)anthracene	9.18000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Benzo(a)pyrene	8.24000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Benzo(b)fluoranthene	3.46000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Benzo(k)fluoranthene	2.88000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	n-Butylbenzene	0.63999	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	sec-Butylbenzene	0.89999	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Chrysene	8.24000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Dibenzo(a,h)anthracene	0.00000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Indeno(1,2,3-cd)pyrene	0.00000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Isopropylbenzene	0.31999	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	p-Isopropyltoluene	1.00000	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Lead	265.00000	11.50000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Mercury	1.40000	0.56999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	2-Methylnaphthalene	0.00000	1.72000	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	n-Propylbenzene	0.46000	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Tetrachloroethene	0.00000	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	1,2,4-Trimethylbenzene	0.50000	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	1,3,5-Trimethylbenzene	0.51999	0.05999	0.0	3.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Aroclor-1016	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Aroclor-1248	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Aroclor-1254	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Aroclor-1260	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Aroclor-1268	0.00000	2.42000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Benzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Benzo(a)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Benzo(a)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Benzo(b)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Benzo(k)fluoranthene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	n-Butylbenzene	0.10999	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	sec-Butylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Chrysene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Dibenzo(a,h)anthracene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Isopropylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	p-Isopropyltoluene	0.12999	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Lead	32.70000	12.10000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Mercury	0.00000	0.61000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	2-Methylnaphthalene	0.00000	0.36000	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	n-Propylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Tetrachloroethene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	1,2,4-Trimethylbenzene	0.07999	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.5	3.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Aroclor-1016	0.00000	2.61000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Aroclor-1248	0.00000	2.61000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Aroclor-1254	0.00000	2.61000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Aroclor-1260	0.00000	2.61000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Aroclor-1268	0.00000	2.61000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Benzene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Benzo(a)anthracene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Benzo(a)pyrene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Benzo(b)fluoranthene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Benzo(k)fluoranthene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	n-Butylbenzene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	sec-Butylbenzene	0.10999	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Chrysene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Dibenzo(a,h)anthracene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Isopropylbenzene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	p-Isopropyltoluene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Lead	0.00000	13.00000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Mercury	0.00000	0.64999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	2-Methylnaphthalene	0.00000	0.38999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	n-Propylbenzene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Tetrachloroethene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	1,2,4-Trimethylbenzene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	1,3,5-Trimethylbenzene	0.00000	0.07000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Aroclor-1016	0.00000	2.51000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Aroclor-1248	0.00000	2.51000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Aroclor-1254	0.00000	2.51000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Aroclor-1260	0.00000	2.51000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Aroclor-1268	0.00000	2.51000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Benzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Benzo(a)anthracene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Benzo(a)pyrene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Benzo(b)fluoranthene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Benzo(k)fluoranthene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	n-Butylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	sec-Butylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Chrysene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Dibenzo(a,h)anthracene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Isopropylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	p-Isopropyltoluene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Lead	0.00000	12.50000	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Mercury	0.00000	0.62999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	2-Methylnaphthalene	0.00000	0.37999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	n-Propylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Tetrachloroethene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Aroclor-1016	0.00000	2.43000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Aroclor-1248	0.00000	2.43000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Aroclor-1254	0.00000	2.43000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Aroclor-1260	0.00000	2.43000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Aroclor-1268	0.00000	2.43000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Benzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Benzo(a)anthracene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Benzo(a)pyrene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Benzo(b)fluoranthene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Benzo(k)fluoranthene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	n-Butylbenzene	0.07999	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	sec-Butylbenzene	0.10999	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Chrysene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Dibenzo(a,h)anthracene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Isopropylbenzene	0.07000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	p-Isopropyltoluene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Lead	29.10000	12.10000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Mercury	0.00000	0.61000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	2-Methylnaphthalene	0.47999	0.36000	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	n-Propylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Tetrachloroethene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	1,3,5-Trimethylbenzene	0.09000	0.05999	4.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Aroclor-1016	0.00000	2.47000	3.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Aroclor-1248	0.00000	2.47000	3.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Aroclor-1254	0.00000	2.47000	3.0	5.0	1	0	comp	post excavation bottom 5-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Aroclor-1260	0.00000	2.47000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Aroclor-1268	0.00000	2.47000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Benzene	0.00000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Benzo(a)anthracene	0.75999	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Benzo(a)pyrene	0.00000	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Benzo(b)fluoranthene	0.38999	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Benzo(k)fluoranthene	0.00000	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	n-Butylbenzene	1.30000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	sec-Butylbenzene	2.00000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Chrysene	1.06000	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Indeno(1,2,3-cd)pyrene	0.37999	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Isopropylbenzene	0.62000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	p-Isopropyltoluene	0.98000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Lead	134.00000	12.40000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Mercury	0.00000	0.62000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	2-Methylnaphthalene	0.00000	0.37000	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	n-Propylbenzene	1.00000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Tetrachloroethene	0.00000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	1,2,4-Trimethylbenzene	0.12999	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	1,3,5-Trimethylbenzene	0.85000	0.05999	3.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Aroclor-1016	0.00000	2.49000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Aroclor-1248	0.00000	2.49000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Aroclor-1254	0.00000	2.49000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Aroclor-1260	0.00000	2.49000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Aroclor-1268	0.00000	2.49000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Benzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Benzo(a)anthracene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Benzo(a)pyrene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Benzo(b)fluoranthene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Benzo(k)fluoranthene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	n-Butylbenzene	0.10999	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	sec-Butylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Chrysene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Dibenzo(a,h)anthracene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Isopropylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	p-Isopropyltoluene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Lead	25.00000	12.50000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Mercury	0.00000	0.62000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	2-Methylnaphthalene	0.00000	0.37000	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	n-Propylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Tetrachloroethene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	1,3,5-Trimethylbenzene	0.12999	0.05999	4.0	4.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Aroclor-1016	0.00000	2.60000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Aroclor-1248	0.00000	2.60000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Aroclor-1254	0.00000	2.60000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Aroclor-1260	0.00000	2.60000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Aroclor-1268	0.00000	2.60000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Benzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Benzo(a)anthracene	0.44999	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Benzo(a)pyrene	0.00000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Benzo(b)fluoranthene	0.00000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Benzo(k)fluoranthene	0.00000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	n-Butylbenzene	0.31000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	sec-Butylbenzene	0.34999	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Chrysene	0.50000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Dibenzo(a,h)anthracene	0.00000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Isopropylbenzene	0.50000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	p-Isopropyltoluene	0.67000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Lead	31.20000	13.00000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Mercury	0.00000	0.64999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	2-Methylnaphthalene	0.00000	0.38999	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	n-Propylbenzene	0.17000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Tetrachloroethene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	1,2,4-Trimethylbenzene	0.09000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	1,3,5-Trimethylbenzene	0.36000	0.07000	4.0	5.0	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Aroclor-1016	0.00000	2.41000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Aroclor-1248	0.00000	2.41000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Aroclor-1254	0.00000	2.41000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Aroclor-1260	0.00000	2.41000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Aroclor-1268	0.00000	2.41000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Benzene	0.00000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Benzo(a)anthracene	0.99000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Benzo(a)pyrene	0.00000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Benzo(b)fluoranthene	0.00000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Benzo(k)fluoranthene	0.00000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	n-Butylbenzene	0.21999	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	sec-Butylbenzene	0.17000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Chrysene	1.95000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Dibenzo(a,h)anthracene	0.00000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Indeno(1,2,3-cd)pyrene	0.49000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Isopropylbenzene	0.00000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	p-Isopropyltoluene	0.00000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Lead	19.80000	12.00000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Mercury	0.00000	0.60000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	2-Methylnaphthalene	0.00000	0.36000	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	n-Propylbenzene	0.11999	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Tetrachloroethene	0.00000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	1,2,4-Trimethylbenzene	0.00000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	1,3,5-Trimethylbenzene	0.15000	0.05999	4.5	4.5	1	0	comp	post excavation bottom 2-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Aroclor-1016	0.00000	2.36000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Aroclor-1248	0.00000	2.36000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Aroclor-1254	0.00000	2.36000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Aroclor-1260	0.00000	2.36000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Aroclor-1268	0.00000	2.36000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Benzo(a)anthracene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Benzo(a)pyrene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Benzo(b)fluoranthene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Benzo(k)fluoranthene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Chrysene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Isopropylbenzene	0.00000	0.05999	4.5	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Lead	0.00000	11.80000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Mercury	0.00000	0.58999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	2-Methylnaphthalene	0.00000	0.34999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Aroclor-1016	0.00000	2.48000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Aroclor-1248	0.00000	2.48000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Aroclor-1254	0.00000	2.48000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Aroclor-1260	0.00000	2.48000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Aroclor-1268	0.00000	2.48000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Benzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Benzo(a)anthracene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Benzo(a)pyrene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Benzo(b)fluoranthene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Benzo(k)fluoranthene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	n-Butylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	sec-Butylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Chrysene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Dibenzo(a,h)anthracene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Isopropylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	p-Isopropyltoluene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Lead	167.00000	12.40000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Mercury	0.00000	0.62000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	2-Methylnaphthalene	0.00000	0.37000	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	n-Propylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Tetrachloroethene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	1,3,5-Trimethylbenzene	0.00000	0.05999	3.0	3.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Aroclor-1016	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Aroclor-1248	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Aroclor-1254	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Aroclor-1260	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Aroclor-1268	0.00000	2.30000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Benzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Benzo(a)anthracene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Benzo(a)pyrene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Benzo(b)fluoranthene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Benzo(k)fluoranthene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	n-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	sec-Butylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Chrysene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Isopropylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Lead	211.00000	11.50000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Mercury	0.00000	0.56999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	2-Methylnaphthalene	0.00000	0.34000	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	n-Propylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Tetrachloroethene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.5	1	0	comp	post excavation bottom 5-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Aroclor-1016	0.00000	2.30000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Aroclor-1248	0.00000	2.30000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Aroclor-1254	0.00000	2.30000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Aroclor-1260	0.00000	2.30000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Aroclor-1268	0.00000	2.30000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Benzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	n-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Chrysene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt		0		QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Isopropylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Lead	149.00000	11.50000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Mercury	3.81000	0.56999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	n-Propylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Tetrachloroethene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Aroclor-1016	0.00000	2.16000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Aroclor-1248	0.00000	2.16000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Aroclor-1254	0.00000	2.16000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Aroclor-1260	0.00000	2.16000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Aroclor-1268	0.00000	2.16000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Benzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Benzo(a)anthracene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Benzo(a)pyrene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Benzo(b)fluoranthene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Benzo(k)fluoranthene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	n-Butylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	sec-Butylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Chrysene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Dibenzo(a,h)anthracene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Isopropylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	p-Isopropyltoluene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Lead	297.00000	10.80000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Mercury	0.98000	0.54000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	2-Methylnaphthalene	0.00000	0.31999	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	n-Propylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Tetrachloroethene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.0	1.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Aroclor-1016	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Aroclor-1248	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Aroclor-1254	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Aroclor-1260	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Aroclor-1268	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Benzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	n-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Chrysene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Isopropylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Lead	420.00000	11.40000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Mercury	4.12000	0.56999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	n-Propylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Tetrachloroethene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Aroclor-1016	0.00000	2.43000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Aroclor-1248	0.00000	2.43000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Aroclor-1254	0.00000	2.43000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Aroclor-1260	0.00000	2.43000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Aroclor-1268	0.00000	2.43000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Benzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Benzo(a)anthracene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Benzo(a)pyrene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Benzo(b)fluoranthene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Benzo(k)fluoranthene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	n-Butylbenzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	sec-Butylbenzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Chrysene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Isopropylbenzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	p-Isopropyltoluene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Lead	0.00000	12.20000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Mercury	0.63999	0.61000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	2-Methylnaphthalene	0.00000	0.36000	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	n-Propylbenzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Tetrachloroethene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	4.5	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Aroclor-1016	0.00000	2.27000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Aroclor-1248	0.00000	2.27000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Aroclor-1254	0.00000	2.27000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Aroclor-1260	0.00000	2.27000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Aroclor-1268	0.00000	2.27000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Benzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Benzo(a)anthracene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Benzo(a)pyrene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Benzo(b)fluoranthene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Benzo(k)fluoranthene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	n-Butylbenzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	sec-Butylbenzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Chrysene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Isopropylbenzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	p-Isopropyltoluene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Lead	124.00000	11.30000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Mercury	0.69999	0.56999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	2-Methylnaphthalene	0.00000	0.34000	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	n-Propylbenzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Tetrachloroethene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.3	1.5	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Aroclor-1016	0.00000	2.33000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Aroclor-1248	0.00000	2.33000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Aroclor-1254	0.00000	2.33000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Aroclor-1260	0.00000	2.33000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Aroclor-1268	0.00000	2.33000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Benzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Benzo(a)anthracene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Benzo(a)pyrene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Benzo(b)fluoranthene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Benzo(k)fluoranthene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	n-Butylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	sec-Butylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Chrysene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Isopropylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	p-Isopropyltoluene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Lead	143.00000	11.60000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Mercury	0.69999	0.57999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	2-Methylnaphthalene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	n-Propylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Tetrachloroethene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Aroclor-1016	0.00000	2.35000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Aroclor-1248	0.00000	2.35000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Aroclor-1254	0.00000	2.35000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Aroclor-1260	0.00000	2.35000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Aroclor-1268	0.00000	2.35000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Benzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Benzo(a)anthracene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Benzo(a)pyrene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Benzo(b)fluoranthene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Benzo(k)fluoranthene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	n-Butylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	sec-Butylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Chrysene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Dibenzo(a,h)anthracene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Isopropylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	p-Isopropyltoluene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Lead	75.30000	11.80000	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Mercury	1.76000	0.58999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	2-Methylnaphthalene	0.00000	0.34999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	n-Propylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Tetrachloroethene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.3	2.0	1	0	comp	post excavation bottom 5-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Aroclor-1016	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Aroclor-1248	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Aroclor-1254	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Aroclor-1260	0.00000	2.28000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Aroclor-1268	5.90000	2.28000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Benzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Benzo(a)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Benzo(a)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Benzo(b)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Benzo(k)fluoranthene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	n-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Chrysene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Isopropylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Lead	265.00000	11.40000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Mercury	3.41000	0.56999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	2-Methylnaphthalene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	n-Propylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Tetrachloroethene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation S sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Aroclor-1016	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Aroclor-1248	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Aroclor-1254	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Aroclor-1260	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Aroclor-1268	0.00000	2.21000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Benzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Benzo(a)anthracene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Benzo(a)pyrene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Benzo(b)fluoranthene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Benzo(k)fluoranthene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	n-Butylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	sec-Butylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Chrysene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Dibenzo(a,h)anthracene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Isopropylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	p-Isopropyltoluene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Lead	390.00000	11.00000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Mercury	1.00000	0.55000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	2-Methylnaphthalene	0.00000	0.33000	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	n-Propylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Tetrachloroethene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.3	2	0	comp	post excavation W sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Aroclor-1016	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Aroclor-1248	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Aroclor-1254	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Aroclor-1260	0.00000	2.27000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Aroclor-1268	2.80000	2.27000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Benzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Benzo(a)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Benzo(a)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Benzo(b)fluoranthene	0.60000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Benzo(k)fluoranthene	0.40000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	n-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	sec-Butylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Chrysene	0.54000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Dibenzo(a,h)anthracene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Isopropylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	p-Isopropyltoluene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Lead	102.00000	11.30000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Mercury	3.47000	0.56999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	2-Methylnaphthalene	0.00000	0.34000	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	n-Propylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Tetrachloroethene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	1,2,4-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	1,3,5-Trimethylbenzene	0.00000	0.05999	0.0	1.5	2	0	comp	post excavation N sidewall 3-pt			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Aroclor-1016	0.00000	2.00000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Aroclor-1248	0.00000	2.00000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Aroclor-1254	0.00000	2.00000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Aroclor-1260	0.00000	2.00000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Aroclor-1268	10.00000	2.00000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Benzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Benzo(a)anthracene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Benzo(a)pyrene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Benzo(b)fluoranthene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Benzo(k)fluoranthene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	n-Butylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	sec-Butylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Chrysene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Dibenzo(a,h)anthracene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Isopropylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	p-Isopropyltoluene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Lead	47.50000	11.90000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Mercury	9.58000	0.58999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	2-Methylnaphthalene	0.00000	0.36000	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	n-Propylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Tetrachloroethene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Aroclor-1016	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Aroclor-1248	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Aroclor-1254	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Aroclor-1260	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Aroclor-1268	0.00000	2.35000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Lead	69.90000	11.80000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Mercury	20.80000	0.58999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Aroclor-1016	0.00000	2.06000	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Aroclor-1248	0.00000	2.06000	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Aroclor-1254	0.00000	2.06000	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Aroclor-1260	0.00000	2.06000	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Aroclor-1268	2.30000	2.06000	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Lead	45.80000	10.30000	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-BM3-09	5/5/1997	97125-BM3-09	soil	861395.56	431268.34	Mercury	11.90000	0.50999	0.5	0.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Aroclor-1016	0.00000	2.23000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Aroclor-1248	0.00000	2.23000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Aroclor-1254	0.00000	2.23000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Aroclor-1260	0.00000	2.23000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Aroclor-1268	3.30000	2.23000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Benzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Benzo(a)anthracene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Benzo(a)pyrene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Benzo(b)fluoranthene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Benzo(k)fluoranthene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	n-Butylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	sec-Butylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Chrysene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Dibenzo(a,h)anthracene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Isopropylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	p-Isopropyltoluene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Lead	481.00000	11.20000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Mercury	3.41000	0.56000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	2-Methylnaphthalene	0.00000	0.34000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	n-Propylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Tetrachloroethene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	1,3,5-Trimethylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Aroclor-1016	0.00000	2.44000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Aroclor-1248	0.00000	2.44000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Aroclor-1254	0.00000	2.44000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Aroclor-1260	0.00000	2.44000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Aroclor-1268	0.00000	2.44000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Benzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Benzo(a)anthracene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Benzo(a)pyrene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Benzo(b)fluoranthene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Benzo(k)fluoranthene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	n-Butylbenzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	sec-Butylbenzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Chrysene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Dibenzo(a,h)anthracene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Isopropylbenzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	p-Isopropyltoluene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Lead	319.00000	12.20000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Mercury	3.60000	0.61000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	2-Methylnaphthalene	0.00000	0.37000	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	n-Propylbenzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Tetrachloroethene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	1,2,4-Trimethylbenzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	1,3,5-Trimethylbenzene	0.00000	0.05999	3.5	3.5	2	0	grab	post excavation W sidewall			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Aroclor-1016	0.00000	2.23000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Aroclor-1248	0.00000	2.23000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Aroclor-1254	0.00000	2.23000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Aroclor-1260	0.00000	2.23000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Aroclor-1268	0.00000	2.23000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Lead	121.00000	11.10000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Mercury	8.55000	0.56000	0.0	0.1	0	0	comp	characterization 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Aroclor-1016	0.00000	2.16000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Aroclor-1248	0.00000	2.16000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Aroclor-1254	0.00000	2.16000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Aroclor-1260	0.00000	2.16000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Aroclor-1268	0.00000	2.16000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Lead	54.60000	10.80000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Mercury	4.32000	0.54000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Aroclor-1016	0.00000	2.08000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Aroclor-1248	0.00000	2.08000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Aroclor-1254	0.00000	2.08000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Aroclor-1260	0.00000	2.08000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Aroclor-1268	0.00000	2.08000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Lead	51.00000	10.40000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Mercury	1.76000	0.51999	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Aroclor-1016	0.00000	2.38000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Aroclor-1248	0.00000	2.38000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Aroclor-1254	0.00000	2.38000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Aroclor-1260	0.00000	2.38000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Aroclor-1268	0.00000	2.38000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Lead	104.00000	11.90000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Mercury	0.95999	0.60000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Aroclor-1016	0.00000	2.01000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Aroclor-1248	0.00000	2.01000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Aroclor-1254	0.00000	2.01000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Aroclor-1260	0.00000	2.01000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Aroclor-1268	0.00000	2.01000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Lead	124.00000	10.10000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Mercury	0.80000	0.50000	0.0	0.1	0	0	comp	road sample 5-pt			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Aroclor-1016	0.00000	2.64000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Aroclor-1248	0.00000	2.64000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Aroclor-1254	0.00000	2.64000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Aroclor-1260	0.00000	2.64000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Aroclor-1268	0.00000	2.64000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Benzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Benzo(a)anthracene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Benzo(a)pyrene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Benzo(b)fluoranthene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Benzo(k)fluoranthene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	n-Butylbenzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	sec-Butylbenzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Chrysene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Dibenzo(a,h)anthracene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Isopropylbenzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	p-Isopropyltoluene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Lead	0.00000	13.20000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Mercury	27.00000	0.66000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	2-Methylnaphthalene	0.00000	0.40000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	n-Propylbenzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Tetrachloroethene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	1,2,4-Trimethylbenzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	1,3,5-Trimethylbenzene	0.00000	0.07000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Aroclor-1016	0.00000	2.50000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Aroclor-1248	0.00000	2.50000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Aroclor-1254	0.00000	2.50000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Aroclor-1260	0.00000	2.50000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Aroclor-1268	0.00000	2.50000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Benzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Benzo(a)anthracene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Benzo(a)pyrene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Benzo(b)fluoranthene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Benzo(k)fluoranthene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	n-Butylbenzene	0.68000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	sec-Butylbenzene	0.58999	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Chrysene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Dibenzo(a,h)anthracene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Isopropylbenzene	0.60000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	p-Isopropyltoluene	0.31999	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Lead	15.00000	12.50000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Mercury	1.16000	0.62999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	2-Methylnaphthalene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	n-Propylbenzene	0.27000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Tetrachloroethene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	1,2,4-Trimethylbenzene	0.55000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	1,3,5-Trimethylbenzene	0.61000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Aroclor-1016	0.00000	2.64000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Aroclor-1248	0.00000	2.64000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Aroclor-1254	0.00000	2.64000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Aroclor-1260	0.00000	2.64000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Aroclor-1268	0.00000	2.64000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Benzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Benzo(a)anthracene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Benzo(a)pyrene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Benzo(b)fluoranthene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Benzo(k)fluoranthene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	n-Butylbenzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	sec-Butylbenzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Chrysene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Dibenzo(a,h)anthracene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Isopropylbenzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	p-Isopropyltoluene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Lead	27.70000	13.20000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Mercury	4.64000	0.66000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	2-Methylnaphthalene	0.00000	0.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	n-Propylbenzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Tetrachloroethene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	1,2,4-Trimethylbenzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	1,3,5-Trimethylbenzene	0.00000	0.07000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Aroclor-1016	0.00000	2.49000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Aroclor-1248	0.00000	2.49000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Aroclor-1254	0.00000	2.49000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Aroclor-1260	0.00000	2.49000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Aroclor-1268	0.00000	2.49000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Benzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Benzo(a)anthracene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Benzo(a)pyrene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Benzo(b)fluoranthene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Benzo(k)fluoranthene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	n-Butylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	sec-Butylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Chrysene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Dibenzo(a,h)anthracene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Isopropylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	p-Isopropyltoluene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Lead	0.00000	12.40000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Mercury	2.17000	0.62000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	2-Methylnaphthalene	0.00000	0.37000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	n-Propylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Tetrachloroethene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Aroclor-1016	0.00000	2.22000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Aroclor-1248	0.00000	2.22000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Aroclor-1254	0.00000	2.22000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Aroclor-1260	0.00000	2.22000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Aroclor-1268	0.00000	2.22000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Benzene	0.00000	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Benzo(a)anthracene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Benzo(a)pyrene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Benzo(b)fluoranthene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Benzo(k)fluoranthene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	n-Butylbenzene	0.38999	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	sec-Butylbenzene	0.66000	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Chrysene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Dibenzo(a,h)anthracene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Isopropylbenzene	0.44999	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	p-Isopropyltoluene	0.00000	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Lead	76.20000	11.10000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Mercury	28.00000	0.56000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	2-Methylnaphthalene	3.05000	0.33000	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	n-Propylbenzene	0.25999	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Tetrachloroethene	0.00000	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	1,2,4-Trimethylbenzene	0.00000	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	1,3,5-Trimethylbenzene	0.25000	0.05999	4.5	5.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Aroclor-1016	0.00000	2.27000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Aroclor-1248	0.00000	2.27000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Aroclor-1254	0.00000	2.27000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Aroclor-1260	0.00000	2.27000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Aroclor-1268	0.00000	2.27000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Benzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Benzo(a)anthracene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Benzo(a)pyrene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Benzo(b)fluoranthene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Benzo(k)fluoranthene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	n-Butylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	sec-Butylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Chrysene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Dibenzo(a,h)anthracene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Isopropylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	p-Isopropyltoluene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Lead	28.90000	11.40000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Mercury	0.00000	0.56999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	2-Methylnaphthalene	0.00000	0.34000	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	n-Propylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Tetrachloroethene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	1,2,4-Trimethylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	1,3,5-Trimethylbenzene	0.00000	0.05999	1.0	1.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Aroclor-1016	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Aroclor-1248	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Aroclor-1254	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Aroclor-1260	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Aroclor-1268	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Lead	43.00000	10.60000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Mercury	0.00000	0.52999	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Aroclor-1016	0.00000	2.35000	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Aroclor-1248	0.00000	2.35000	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Aroclor-1254	0.00000	2.35000	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Aroclor-1260	0.00000	2.35000	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Aroclor-1268	0.00000	2.35000	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Benzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Benzo(a)anthracene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Benzo(a)pyrene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Benzo(b)fluoranthene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Benzo(k)fluoranthene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	n-Butylbenzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	sec-Butylbenzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Chrysene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Dibenzo(a,h)anthracene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Isopropylbenzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	p-Isopropyltoluene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Lead	38.10000	11.70000	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Mercury	8.25000	0.58999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	2-Methylnaphthalene	0.00000	0.34999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	n-Propylbenzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Tetrachloroethene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	1,2,4-Trimethylbenzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	1,3,5-Trimethylbenzene	0.00000	0.05999	1.5	6.0	2	0	comp	post excavation 3-pt W sidewall			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Aroclor-1016	0.00000	2.00000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Aroclor-1248	0.00000	2.00000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Aroclor-1254	0.00000	2.00000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Aroclor-1260	0.00000	2.00000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Aroclor-1268	12.00000	2.00000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Benzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Benzo(a)anthracene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Benzo(a)pyrene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Benzo(b)fluoranthene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Benzo(k)fluoranthene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	n-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	sec-Butylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Chrysene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Dibenzo(a,h)anthracene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Isopropylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	p-Isopropyltoluene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Lead	88.00000	11.80000	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Mercury	6.35000	0.58999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	2-Methylnaphthalene	0.00000	0.34999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	n-Propylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Tetrachloroethene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	1,2,4-Trimethylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	1,3,5-Trimethylbenzene	0.00000	0.05999	2.0	2.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Aroclor-1016	0.00000	2.00000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Aroclor-1248	0.00000	2.00000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Aroclor-1254	0.00000	2.00000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Aroclor-1260	0.00000	2.00000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Aroclor-1268	0.00000	2.00000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Benzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Benzo(a)anthracene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Benzo(a)pyrene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Benzo(b)fluoranthene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Benzo(k)fluoranthene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	n-Butylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	sec-Butylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Chrysene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Dibenzo(a,h)anthracene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Isopropylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	p-Isopropyltoluene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Lead	43.00000	11.80000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Mercury	4.40000	0.58999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	2-Methylnaphthalene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	n-Propylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Tetrachloroethene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Aroclor-1016	0.00000	2.32000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Aroclor-1248	0.00000	2.32000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Aroclor-1254	0.00000	2.32000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Aroclor-1260	0.00000	2.32000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Aroclor-1268	0.00000	2.32000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Benzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Benzo(a)anthracene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Benzo(a)pyrene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Benzo(b)fluoranthene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Benzo(k)fluoranthene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	n-Butylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	sec-Butylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Chrysene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Dibenzo(a,h)anthracene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Isopropylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	p-Isopropyltoluene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Lead	19.70000	11.60000	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Mercury	1.05000	0.57999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	2-Methylnaphthalene	0.00000	0.34999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	n-Propylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Tetrachloroethene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	4.3	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Aroclor-1016	0.00000	2.29000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Aroclor-1248	0.00000	2.29000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Aroclor-1254	0.00000	2.29000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Aroclor-1260	0.00000	2.29000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Aroclor-1268	0.00000	2.29000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Benzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Benzo(a)anthracene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Benzo(a)pyrene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Benzo(b)fluoranthene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Benzo(k)fluoranthene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	n-Butylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	sec-Butylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Chrysene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Dibenzo(a,h)anthracene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Indeno(1,2,3-cd)pyrene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Isopropylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	p-Isopropyltoluene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Lead	14.90000	11.50000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Mercury	1.08000	0.56999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	2-Methylnaphthalene	0.00000	0.34000	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	n-Propylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Tetrachloroethene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	4.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Aroclor-1016	0.00000	2.08000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Aroclor-1248	0.00000	2.08000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Aroclor-1254	0.00000	2.08000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Aroclor-1260	9.00000	2.08000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Aroclor-1268	2.40000	2.08000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Lead	78.60000	10.40000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-01	5/15/1997	97135-01	soil	861646.06	431793.94	Mercury	3.25000	0.51999	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Aroclor-1016	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Aroclor-1248	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Aroclor-1254	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Aroclor-1260	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Aroclor-1268	0.00000	2.12000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Lead	35.00000	10.60000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Mercury	2.36000	0.52999	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Aroclor-1016	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Aroclor-1248	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Aroclor-1254	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Aroclor-1260	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Aroclor-1268	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Lead	43.00000	10.40000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Mercury	4.52000	0.51999	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Aroclor-1016	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Aroclor-1248	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Aroclor-1254	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Aroclor-1260	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Aroclor-1268	0.00000	2.07000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Lead	28.50000	10.40000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Mercury	2.26000	0.51999	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Aroclor-1016	0.00000	2.09000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Aroclor-1248	0.00000	2.09000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Aroclor-1254	0.00000	2.09000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Aroclor-1260	0.00000	2.09000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Aroclor-1268	0.00000	2.09000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Lead	29.20000	10.40000	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Mercury	2.48000	0.51999	0.0	0.1	0	0	comp	road surface sample 5-pt			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Aroclor-1016	0.00000	2.21000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Aroclor-1248	0.00000	2.21000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Aroclor-1254	0.00000	2.21000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Aroclor-1260	0.00000	2.21000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Aroclor-1268	2.20000	2.21000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Benzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Benzo(a)anthracene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Benzo(a)pyrene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Benzo(b)fluoranthene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Benzo(k)fluoranthene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	n-Butylbenzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	sec-Butylbenzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Chrysene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Dibenzo(a,h)anthracene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Isopropylbenzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	p-Isopropyltoluene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Lead	149.50000	11.10000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Mercury	15.40000	0.55000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	2-Methylnaphthalene	0.00000	0.33000	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	n-Propylbenzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Tetrachloroethene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	1,2,4-Trimethylbenzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	1,3,5-Trimethylbenzene	0.00000	0.05999	3.8	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Aroclor-1016	0.00000	2.04000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Aroclor-1248	0.00000	2.04000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Aroclor-1254	0.00000	2.04000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Aroclor-1260	0.00000	2.04000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Aroclor-1268	0.00000	2.04000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Benzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Benzo(a)anthracene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Benzo(a)pyrene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Benzo(b)fluoranthene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Benzo(k)fluoranthene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Chrysene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Dibenzo(a,h)anthracene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Lead	0.00000	10.20000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Mercury	0.00000	0.50999	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	2-Methylnaphthalene	0.00000	0.31000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Aroclor-1016	0.00000	2.02000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Aroclor-1248	0.00000	2.02000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Aroclor-1254	0.00000	2.02000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Aroclor-1260	0.00000	2.02000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Aroclor-1268	0.00000	2.02000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Benzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Benzo(a)anthracene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Benzo(a)pyrene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Benzo(b)fluoranthene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Benzo(k)fluoranthene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	n-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	sec-Butylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Chrysene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Dibenzo(a,h)anthracene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Indeno(1,2,3-cd)pyrene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Isopropylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	p-Isopropyltoluene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Lead	12.60000	10.10000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Mercury	0.51999	0.50999	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	2-Methylnaphthalene	0.00000	0.30000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	n-Propylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Tetrachloroethene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	1,2,4-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	1,3,5-Trimethylbenzene	0.00000	0.05000	1.0	2.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Aroclor-1016	0.00000	2.11000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Aroclor-1248	0.00000	2.11000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Aroclor-1254	0.00000	2.11000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Aroclor-1260	0.00000	2.11000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Aroclor-1268	2.70000	2.11000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Lead	42.10000	10.50000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-02	5/20/1997	97140-02	soil	861336.06	430809.94	Mercury	3.68000	0.52999	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Aroclor-1016	0.00000	2.08000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Aroclor-1248	0.00000	2.08000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Aroclor-1254	0.00000	2.08000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Aroclor-1260	0.00000	2.08000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Aroclor-1268	0.00000	2.08000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Lead	26.60000	10.40000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Mercury	1.00000	0.51999	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Aroclor-1016	0.00000	2.07000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Aroclor-1248	0.00000	2.07000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Aroclor-1254	0.00000	2.07000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Aroclor-1260	0.00000	2.07000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Aroclor-1268	0.00000	2.07000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Lead	22.20000	10.30000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Mercury	0.89999	0.51999	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Aroclor-1016	0.00000	2.06000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Aroclor-1248	0.00000	2.06000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Aroclor-1254	0.00000	2.06000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Aroclor-1260	0.00000	2.06000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Aroclor-1268	0.00000	2.06000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Lead	48.30000	10.30000	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Mercury	1.98000	0.50999	0.0	0.1	0	0	comp	limestone road surface sample 5-pt			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Aroclor-1016	0.00000	2.06000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Aroclor-1248	0.00000	2.06000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Aroclor-1254	0.00000	2.06000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Aroclor-1260	0.00000	2.06000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Aroclor-1268	0.00000	2.06000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Benzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Benzo(a)anthracene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Benzo(a)pyrene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Benzo(b)fluoranthene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Benzo(k)fluoranthene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	n-Butylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	sec-Butylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Chrysene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Dibenzo(a,h)anthracene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Isopropylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	p-Isopropyltoluene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Lead	13.40000	10.30000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Mercury	0.00000	0.50999	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	2-Methylnaphthalene	0.00000	0.31000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	n-Propylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Tetrachloroethene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.5	1.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Aroclor-1016	0.00000	2.09000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Aroclor-1248	0.00000	2.09000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Aroclor-1254	0.00000	2.09000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Aroclor-1260	0.00000	2.09000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Aroclor-1268	0.00000	2.09000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Benzene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Benzo(a)anthracene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Benzo(a)pyrene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Benzo(b)fluoranthene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Benzo(k)fluoranthene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	n-Butylbenzene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	sec-Butylbenzene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Chrysene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Dibenzo(a,h)anthracene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Indeno(1,2,3-cd)pyrene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Isopropylbenzene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	p-Isopropyltoluene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Lead	41.70000	10.40000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Mercury	0.89999	0.51999	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	2-Methylnaphthalene	0.00000	0.31000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	n-Propylbenzene	0.05999	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Tetrachloroethene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	1,2,4-Trimethylbenzene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	1,3,5-Trimethylbenzene	0.00000	0.05000	0.5	1.5	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Aroclor-1016	0.00000	2.59000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Aroclor-1248	0.00000	2.59000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Aroclor-1254	0.00000	2.59000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Aroclor-1260	0.00000	2.59000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Aroclor-1268	0.00000	2.59000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Benzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Benzo(a)anthracene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Benzo(a)pyrene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Benzo(b)fluoranthene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Benzo(k)fluoranthene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	n-Butylbenzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	sec-Butylbenzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Chrysene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Dibenzo(a,h)anthracene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Indeno(1,2,3-cd)pyrene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Isopropylbenzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	p-Isopropyltoluene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Lead	40.20000	13.00000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Mercury	1.32000	0.64999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	2-Methylnaphthalene	0.00000	0.38999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	n-Propylbenzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Tetrachloroethene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	1,2,4-Trimethylbenzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	1,3,5-Trimethylbenzene	0.00000	0.07000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Aroclor-1016	0.00000	2.56000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Aroclor-1248	0.00000	2.56000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Aroclor-1254	0.00000	2.56000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Aroclor-1260	0.00000	2.56000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Aroclor-1268	0.00000	2.56000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Benzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Benzo(a)anthracene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Benzo(a)pyrene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Benzo(b)fluoranthene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Benzo(k)fluoranthene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	n-Butylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	sec-Butylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Chrysene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Dibenzo(a,h)anthracene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Indeno(1,2,3-cd)pyrene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Isopropylbenzene	0.17000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	p-Isopropyltoluene	0.20999	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Lead	0.00000	12.80000	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Mercury	0.86000	0.63999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	2-Methylnaphthalene	0.00000	0.37999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	n-Propylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Tetrachloroethene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	1,3,5-Trimethylbenzene	0.07999	0.05999	4.5	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Aroclor-1016	0.00000	2.19000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Aroclor-1248	0.00000	2.19000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Aroclor-1254	0.00000	2.19000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Aroclor-1260	0.00000	2.19000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Aroclor-1268	0.00000	2.19000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Benzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Benzo(a)anthracene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Benzo(a)pyrene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Benzo(b)fluoranthene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Benzo(k)fluoranthene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	n-Butylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	sec-Butylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Chrysene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Dibenzo(a,h)anthracene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Isopropylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	p-Isopropyltoluene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Lead	96.50000	11.00000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Mercury	4.91000	0.55000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	2-Methylnaphthalene	0.00000	0.33000	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	n-Propylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Tetrachloroethene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	1,2,4-Trimethylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	1,3,5-Trimethylbenzene	0.00000	0.05999	4.0	5.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Aroclor-1016	0.00000	2.17000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Aroclor-1248	0.00000	2.17000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Aroclor-1254	0.00000	2.17000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Aroclor-1260	0.00000	2.17000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Aroclor-1268	0.00000	2.17000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Benzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Benzo(a)anthracene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Benzo(a)pyrene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Benzo(b)fluoranthene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Benzo(k)fluoranthene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	n-Butylbenzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	sec-Butylbenzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Chrysene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Dibenzo(a,h)anthracene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Indeno(1,2,3-cd)pyrene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Isopropylbenzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	p-Isopropyltoluene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Lead	0.00000	10.90000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Mercury	0.00000	0.54000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	2-Methylnaphthalene	0.00000	0.33000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	n-Propylbenzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Tetrachloroethene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	1,2,4-Trimethylbenzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	1,3,5-Trimethylbenzene	0.00000	0.05000	3.0	4.0	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Aroclor-1016	0.00000	2.05000	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Aroclor-1248	0.00000	2.05000	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Aroclor-1254	0.00000	2.05000	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Aroclor-1260	0.00000	2.05000	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Aroclor-1268	0.00000	2.05000	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Lead	71.60000	10.20000	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Mercury	1.67000	0.50999	0.0	0.1	1	0	comp	post excavation 5-pt bottom			0	QAL
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Aroclor-1016	0.00000	0.03400	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Aroclor-1248	0.00000	0.03400	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Aroclor-1254	0.00000	0.03400	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Aroclor-1260	0.00000	0.03400	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Aroclor-1268	0.37000	0.03400	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Lead	15.00000	7.80000	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97147-SRA-149	5/27/1997	97147-SRA-149	soil	861291.06	430888.94	Mercury	0.41999	1.30000	0.5	1.0	1	0	comp	Post-excavation 5 point bottom			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Aroclor-1016	0.00000	0.39000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Aroclor-1248	0.00000	0.39000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Aroclor-1254	0.00000	0.39000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Aroclor-1260	0.00000	0.39000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Aroclor-1268	3.20000	0.39000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Lead	150.00000	12.00000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97153-M100	6/2/1997	97153-M100	soil	861804.06	431552.94	Mercury	26.00000	6.00000	1.5	4.5	2	0	comp	Post-excavation south side wall 3-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Aroclor-1016	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Aroclor-1248	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Aroclor-1254	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Aroclor-1260	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Aroclor-1268	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Lead	2.60000	0.52999	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M101	6/11/1997	97162-M101	soil	861876.06	431263.94	Mercury	0.05200	0.01099	1.5	3.0	1	0	comp	Post excavation bottom 4-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Aroclor-1016	0.00000	0.03800	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Aroclor-1248	0.00000	0.03800	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Aroclor-1254	0.00000	0.03800	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Aroclor-1260	0.00000	0.03800	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Aroclor-1268	0.00000	0.03800	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Lead	2.20000	0.52999	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M102	6/11/1997	97162-M102	soil	861836.06	431323.94	Mercury	0.49000	0.01099	1.5	3.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Aroclor-1016	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Aroclor-1248	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Aroclor-1254	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Aroclor-1260	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Aroclor-1268	0.00000	0.03500	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Lead	4.60000	0.52999	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Mercury	0.12999	0.01099	1.5	3.0	1	0	comp	Post excavation bottom 3-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Aroclor-1016	0.00000	0.04800	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Aroclor-1248	0.00000	0.04800	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Aroclor-1254	0.00000	0.04800	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Aroclor-1260	0.00000	0.04800	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Aroclor-1268	0.00000	0.04800	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Lead	7.20000	0.72000	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97164-01	6/13/1997	97164-01	soil	861212.13	432389.94	Mercury	0.02700	0.01400	4.5	5.0	1	0	comp	Post excavation bottom 2-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Aroclor-1016	0.00000	0.03500	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Aroclor-1248	0.00000	0.03500	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Aroclor-1254	0.00000	0.03500	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Aroclor-1260	0.00000	0.03500	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Aroclor-1268	0.23000	0.03500	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Lead	6.50000	1.00000	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M104	6/19/1997	97170-M104	soil	861816.06	431193.94	Mercury	0.37999	0.10000	1.5	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Aroclor-1016	0.00000	0.18000	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Aroclor-1248	0.00000	0.18000	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Aroclor-1254	0.00000	0.18000	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Aroclor-1260	0.00000	0.18000	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Aroclor-1268	1.50000	0.18000	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Lead	53.00000	5.60000	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M105	6/19/1997	97170-M105	soil	861814.06	431249.94	Mercury	1.60000	0.10999	2.0	2.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Aroclor-1016	0.00000	0.03800	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Aroclor-1248	0.00000	0.03800	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Aroclor-1254	0.00000	0.03800	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Aroclor-1260	0.00000	0.03800	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Aroclor-1268	0.28000	0.03800	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Lead	17.00000	3.00000	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M106	6/19/1997	97170-M106	soil	861804.06	431315.94	Mercury	2.20000	1.10000	3.0	4.0	1	0	comp	Post excavation bottom 5-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Aroclor-1016	0.00000	0.03800	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Aroclor-1248	0.00000	0.03800	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Aroclor-1254	0.00000	0.03800	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Aroclor-1260	0.00000	0.03800	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Aroclor-1268	0.10000	0.03800	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Lead	240.00000	29.00000	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M107	6/19/1997	97170-M107	soil	861794.06	431352.94	Mercury	0.93999	0.10999	0.0	3.0	2	0	comp	Post excavation West sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Aroclor-1016	0.00000	0.36000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Aroclor-1248	0.00000	0.36000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Aroclor-1254	0.00000	0.36000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Aroclor-1260	0.00000	0.36000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Aroclor-1268	2.60000	0.36000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Lead	75.00000	5.40000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
97170-M108	6/19/1997	97170-M108	soil	861821.06	431365.94	Mercury	7.10000	0.10000	0.0	1.5	2	0	comp	Post excavation South sidewall 3-point			0	Sav
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Aroclor-1016	0.00000	2.31000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Aroclor-1248	0.00000	2.31000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Aroclor-1254	0.00000	2.31000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Aroclor-1260	0.00000	2.31000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Aroclor-1268	0.00000	2.31000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Mercury	1.12000	0.57999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Aroclor-1016	0.00000	2.28000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Aroclor-1248	0.00000	2.28000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Aroclor-1254	0.00000	2.28000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Aroclor-1260	0.00000	2.28000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Aroclor-1268	0.00000	2.28000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Mercury	0.00000	0.56999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Aroclor-1016	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Aroclor-1248	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Aroclor-1254	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Aroclor-1260	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Aroclor-1268	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Mercury	2.84000	0.58999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Aroclor-1016	0.00000	2.29000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Aroclor-1248	0.00000	2.29000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Aroclor-1254	0.00000	2.29000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Aroclor-1260	0.00000	2.29000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Aroclor-1268	0.00000	2.29000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Mercury	4.08000	0.56999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Aroclor-1016	0.00000	2.32000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Aroclor-1248	0.00000	2.32000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Aroclor-1254	0.00000	2.32000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Aroclor-1260	0.00000	2.32000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Aroclor-1268	0.00000	2.32000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Mercury	0.82999	0.57999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Aroclor-1016	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Aroclor-1248	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Aroclor-1254	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Aroclor-1260	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Aroclor-1268	0.00000	2.35000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Mercury	0.00000	0.58999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Aroclor-1016	0.00000	2.49000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Aroclor-1248	0.00000	2.49000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Aroclor-1254	0.00000	2.49000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Aroclor-1260	0.00000	2.49000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Aroclor-1268	0.00000	2.49000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Mercury	4.54000	0.62000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Aroclor-1016	0.00000	3.36000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Aroclor-1248	0.00000	3.36000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Aroclor-1254	0.00000	3.36000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Aroclor-1260	0.00000	3.36000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Aroclor-1268	0.00000	3.36000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Mercury	0.00000	0.83999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Aroclor-1016	0.00000	2.67000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Aroclor-1248	0.00000	2.67000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Aroclor-1254	0.00000	2.67000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Aroclor-1260	0.00000	2.67000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Aroclor-1268	0.00000	2.67000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Mercury	1.09000	0.67000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Aroclor-1016	0.00000	2.51000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Aroclor-1248	0.00000	2.51000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Aroclor-1254	0.00000	2.51000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Aroclor-1260	0.00000	2.51000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Aroclor-1268	0.00000	2.51000	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Mercury	0.00000	0.62999	0.5	1.0	1	0	comp	brine mud stockpile area			0	QAL
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Aroclor-1016	0.00000	2.22000	0.0	0.0	1	0	comp	brine mud stockpile area			0	QAL
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Aroclor-1248	0.00000	2.22000	0.0	0.0	1	0	comp	brine mud stockpile area			0	QAL
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Aroclor-1254	0.00000	2.22000	0.0	0.0	1	0	comp	brine mud stockpile area			0	QAL
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Aroclor-1260	0.00000	2.22000	0.0	0.0	1	0	comp	brine mud stockpile area			0	QAL
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Aroclor-1268	0.00000	2.22000	0.0	0.0	1	0	comp	brine mud stockpile area			0	QAL
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Mercury	9.57000	0.56000	0.0	0.0	1	0	comp	brine mud stockpile area			0	QAL
98205-usc-01	7/24/1998	98205-USC-01	soil	861166.06	430748.97	Aroclor-1016	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-01	7/24/1998	98205-USC-01	soil	861166.06	430748.97	Aroclor-1248	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-01	7/24/1998	98205-USC-01	soil	861166.06	430748.97	Aroclor-1254	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-01	7/24/1998	98205-USC-01	soil	861166.06	430748.97	Aroclor-1260	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-01	7/24/1998	98205-USC-01	soil	861166.06	430748.97	Aroclor-1268	1.37000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-01	7/24/1998	98205-USC-01	soil	861166.06	430748.97	Mercury	0.00000	0.50000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-02	7/24/1998	98205-USC-02	soil	861115.06	430756.97	Aroclor-1016	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-02	7/24/1998	98205-USC-02	soil	861115.06	430756.97	Aroclor-1248	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-02	7/24/1998	98205-USC-02	soil	861115.06	430756.97	Aroclor-1254	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-02	7/24/1998	98205-USC-02	soil	861115.06	430756.97	Aroclor-1260	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-02	7/24/1998	98205-USC-02	soil	861115.06	430756.97	Aroclor-1268	1.76000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-02	7/24/1998	98205-USC-02	soil	861115.06	430756.97	Mercury	1.05000	0.50000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-03	7/24/1998	98205-USC-03	soil	861180.06	430795.97	Aroclor-1016	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-03	7/24/1998	98205-USC-03	soil	861180.06	430795.97	Aroclor-1248	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-03	7/24/1998	98205-USC-03	soil	861180.06	430795.97	Aroclor-1254	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-03	7/24/1998	98205-USC-03	soil	861180.06	430795.97	Aroclor-1260	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-03	7/24/1998	98205-USC-03	soil	861180.06	430795.97	Aroclor-1268	9.51000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-03	7/24/1998	98205-USC-03	soil	861180.06	430795.97	Mercury	0.54000	0.50000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-04	7/24/1998	98205-USC-04	soil	861131.06	430804.97	Aroclor-1016	0.00000	2.02000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-04	7/24/1998	98205-USC-04	soil	861131.06	430804.97	Aroclor-1248	0.00000	2.02000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
98205-usc-04	7/24/1998	98205-USC-04	soil	861131.06	430804.97	Aroclor-1254	0.00000	2.02000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-04	7/24/1998	98205-USC-04	soil	861131.06	430804.97	Aroclor-1260	0.00000	2.02000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-04	7/24/1998	98205-USC-04	soil	861131.06	430804.97	Aroclor-1268	1.70000	2.02000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-04	7/24/1998	98205-USC-04	soil	861131.06	430804.97	Mercury	2.42000	0.50000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Aroclor-1016	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Aroclor-1248	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Aroclor-1254	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Aroclor-1260	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Aroclor-1268	0.00000	2.01000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Mercury	0.00000	0.50000	0.0	0.1	1	0	comp	contactor laydown area @SRA			0	QAL
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Aroclor-1016	0.00000	2.17000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Aroclor-1248	0.00000	2.17000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Aroclor-1254	0.00000	2.17000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Aroclor-1260	0.00000	2.17000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Aroclor-1268	0.00000	2.17000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Mercury	1.01000	0.54000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Aroclor-1016	0.00000	2.15000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Aroclor-1248	0.00000	2.15000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Aroclor-1254	0.00000	2.15000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Aroclor-1260	0.00000	2.15000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Aroclor-1268	0.00000	2.15000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Mercury	0.64999	0.54000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Aroclor-1016	0.00000	2.18000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Aroclor-1248	0.00000	2.18000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Aroclor-1254	0.00000	2.18000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Aroclor-1260	0.00000	2.18000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Aroclor-1268	0.00000	2.18000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Mercury	0.00000	0.54000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Aroclor-1016	0.00000	2.19000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Aroclor-1248	0.00000	2.19000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Aroclor-1254	0.00000	2.19000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Aroclor-1260	0.00000	2.19000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Aroclor-1268	0.00000	2.19000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Mercury	0.00000	0.55000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Aroclor-1016	0.00000	2.21000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Aroclor-1248	0.00000	2.21000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Aroclor-1254	0.00000	2.21000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Aroclor-1260	0.00000	2.21000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Aroclor-1268	0.00000	2.21000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Mercury	0.00000	0.55000	0.0	0.1	1	0	comp	contractor laydown area @ SRA			0	QAL
98258-crr-A-01	9/15/1998	98258-CRR-A-01	soil	861846.06	431957.94	Aroclor-1016	0.00000	2.27000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-01	9/15/1998	98258-CRR-A-01	soil	861846.06	431957.94	Aroclor-1248	0.00000	2.27000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-01	9/15/1998	98258-CRR-A-01	soil	861846.06	431957.94	Aroclor-1254	0.00000	2.27000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-01	9/15/1998	98258-CRR-A-01	soil	861846.06	431957.94	Aroclor-1260	0.00000	2.27000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-01	9/15/1998	98258-CRR-A-01	soil	861846.06	431957.94	Aroclor-1268	4.29000	2.27000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-01	9/15/1998	98258-CRR-A-01	soil	861846.06	431957.94	Mercury	78.20000	0.56999	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-02	9/15/1998	98258-CRR-A-02	soil	861833.06	431833.94	Aroclor-1016	0.00000	2.77000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-02	9/15/1998	98258-CRR-A-02	soil	861833.06	431833.94	Aroclor-1248	0.00000	2.77000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-02	9/15/1998	98258-CRR-A-02	soil	861833.06	431833.94	Aroclor-1254	0.00000	2.77000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-02	9/15/1998	98258-CRR-A-02	soil	861833.06	431833.94	Aroclor-1260	0.00000	2.77000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-02	9/15/1998	98258-CRR-A-02	soil	861833.06	431833.94	Aroclor-1268	10.90000	2.77000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98258-crr-A-02	9/15/1998	98258-CRR-A-02	soil	861833.06	431833.94	Mercury	56.90000	0.55000	2.0	2.3	1	0	comp	railroad area "A"			0	QAL
98264-CRR-B-01	9/21/1998	98264-CRR-B-01	soil	861764.06	431373.94	Lead	36.00000	0.55000	0.0	1.5	2	0	comp	railroad area"B" post exc.			0	Sav
98264-CRR-B-02	9/21/1998	98264-CRR-B-02	soil	861772.06	431323.94	Lead	27.00000	0.56999	0.0	1.5	2	0	comp	railroad area"B" post exc.			0	Sav
98264-CRR-B-04	9/21/1998	98264-CRR-B-04	soil	861756.06	431324.94	Lead	500.00000	0.58999	1.0	1.5	1	0	comp	railroad area"B" post exc.			0	Sav
98264-CRR-C-02	9/21/1998	98264-CRR-C-02	soil	861759.06	431188.94	Lead	83.00000	0.58999	0.0	1.5	2	0	comp	railroad area"C" post exc.			0	Sav
98264-CRR-C-03	9/21/1998	98264-CRR-C-03	soil	861741.06	431142.94	Lead	710.00000	0.57999	0.0	1.0	2	0	comp	railroad area"C" post exc.			0	Sav
98264-CRR-C-04	9/21/1998	98264-CRR-C-04	soil	861741.06	431189.94	Lead	350.00000	0.68999	1.0	1.5	1	0	comp	railroad area"C" post exc.			0	Sav
98264-CRR-D-03	9/21/1998	98264-CRR-D-03	soil	861643.06	430693.94	Lead	430.00000	0.56999	1.0	1.5	1	0	comp	railroad area"D" post exc.			0	Sav
98266-CRR-A-04	9/23/1998	98266-CRR-A-04	soil	861813.06	431716.94	Aroclor-1016	0.00000	2.39000	3.0	3.3	1	0	comp	railroad area "A"			0	QAL
98266-CRR-A-04	9/23/1998	98266-CRR-A-04	soil	861813.06	431716.94	Aroclor-1248	0.00000	2.39000	3.0	3.3	1	0	comp	railroad area "A"			0	QAL
98266-CRR-A-04	9/23/1998	98266-CRR-A-04	soil	861813.06	431716.94	Aroclor-1254	0.00000	2.39000	3.0	3.3	1	0	comp	railroad area "A"			0	QAL
98266-CRR-A-04	9/23/1998	98266-CRR-A-04	soil	861813.06	431716.94	Aroclor-1260	0.00000	2.39000	3.0	3.3	1	0	comp	railroad area "A"			0	QAL
98266-CRR-A-04	9/23/1998	98266-CRR-A-04	soil	861813.06	431716.94	Aroclor-1268	2.72000	2.39000	3.0	3.3	1	0	comp	railroad area "A"			0	QAL
98266-CRR-A-04	9/23/1998	98266-CRR-A-04	soil	861813.06	431716.94	Mercury	4.28000	0.60000	3.0	3.3	1	0	comp	railroad area "A"			0	QAL
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Aroclor-1016	0.00000	2.29000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Aroclor-1248	0.00000	2.29000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Aroclor-1254	0.00000	2.29000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Aroclor-1260	0.00000	2.29000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Aroclor-1268	0.00000	2.29000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Mercury	0.00000	0.56999	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Aroclor-1016	0.00000	2.36000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Aroclor-1248	0.00000	2.36000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Aroclor-1254	0.00000	2.36000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Aroclor-1260	0.00000	2.36000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Aroclor-1268	0.00000	2.36000	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Mercury	2.10000	0.58999	2.0	2.3	1	0	comp	railroad staging area			0	QAL
98267-CRR-B-05	9/24/1998	98267-CRR-B-05	soil	861749.06	431254.94	Lead	1200.00000	6.00000	1.0	1.3	1	0	comp	railroad area"B" post exc.			0	Sav
98267-CRR-D-07	9/24/1998	98267-CRR-D-07	soil	861651.06	430720.94	Lead	690.00000	0.54000	0.0	1.0	0	0	grab	railroad area"D"			0	Sav
98272-CRR-A-05	9/29/1998	98272-CRR-A-05	soil	861793.06	431647.94	Aroclor-1016	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-05	9/29/1998	98272-CRR-A-05	soil	861793.06	431647.94	Aroclor-1248	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-05	9/29/1998	98272-CRR-A-05	soil	861793.06	431647.94	Aroclor-1254	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-05	9/29/1998	98272-CRR-A-05	soil	861793.06	431647.94	Aroclor-1260	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-05	9/29/1998	98272-CRR-A-05	soil	861793.06	431647.94	Aroclor-1268	16.40000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-05	9/29/1998	98272-CRR-A-05	soil	861793.06	431647.94	Mercury	15.40000	0.60000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-06	9/29/1998	98272-CRR-A-06	soil	861785.06	431614.94	Aroclor-1016	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-06	9/29/1998	98272-CRR-A-06	soil	861785.06	431614.94	Aroclor-1248	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-06	9/29/1998	98272-CRR-A-06	soil	861785.06	431614.94	Aroclor-1254	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-06	9/29/1998	98272-CRR-A-06	soil	861785.06	431614.94	Aroclor-1260	0.00000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-06	9/29/1998	98272-CRR-A-06	soil	861785.06	431614.94	Aroclor-1268	53.20000	3.00000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98272-CRR-A-06	9/29/1998	98272-CRR-A-06	soil	861785.06	431614.94	Mercury	44.10000	0.66000	2.0	2.5	1	0	comp	railroad area "A"			0	QAL
98274-CRR-D-08	10/1/1998	98274-CRR-D-08	soil	861673.06	430663.94	Lead	700.00000	0.56000	0.0	1.0	2	0	comp	railroad area"D"			0	Sav
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Aroclor-1016	0.00000	2.24000	0.0	0.3	1	0	comp	brine mud stockpile area			0	QAL
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Aroclor-1248	0.00000	2.24000	0.0	0.3	1	0	comp	brine mud stockpile area			0	QAL
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Aroclor-1254	0.00000	2.24000	0.0	0.3	1	0	comp	brine mud stockpile area			0	QAL
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Aroclor-1260	0.00000	2.24000	0.0	0.3	1	0	comp	brine mud stockpile area			0	QAL
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Aroclor-1268	0.00000	2.24000	0.0	0.3	1	0	comp	brine mud stockpile area			0	QAL
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Mercury	1.60000	0.56000	0.0	0.3	1	0	comp	brine mud stockpile area			0	QAL
99049-USC-14	2/18/1999	99049-usc-14	soil	861360.06	431063.94	Aroclor-1016	0.00000	0.01800	0.0	0.2	1	0	comp	upland soil confirmational		BMI2	0	KEM
99049-USC-14	2/18/1999	99049-usc-14	soil	861360.06	431063.94	Aroclor-1248	0.00000	0.01800	0.0	0.2	1	0	comp	upland soil confirmational		BMI2	0	KEM
99049-USC-14	2/18/1999	99049-usc-14	soil	861360.06	431063.94	Aroclor-1254	0.00000	0.01800	0.0	0.2	1	0	comp	upland soil confirmational		BMI2	0	KEM
99049-USC-14	2/18/1999	99049-usc-14	soil	861360.06	431063.94	Aroclor-1260	0.00000	0.01800	0.0	0.2	1	0	comp	upland soil confirmational		BMI2	0	KEM
99049-USC-14	2/18/1999	99049-usc-14	soil	861360.06	431063.94	Aroclor-1268	0.90000	0.09000	0.0	0.2	1	0	comp	upland soil confirmational		BMI2	0	KEM
99049-USC-14	2/18/1999	99049-usc-14	soil	861360.06	431063.94	Mercury	2.60000	1.40000	0.0	0.2	1	0	comp	upland soil confirmational		BMI2	0	KEM
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Aroclor-1016	0.00000	0.01700	0.0	0.0	1	0	comp	area under OHM pool #2			0	Kem
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Aroclor-1248	0.00000	0.01700	0.0	0.0	1	0	comp	area under OHM pool #2			0	Kem
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Aroclor-1254	0.00000	0.01700	0.0	0.0	1	0	comp	area under OHM pool #2			0	Kem
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Aroclor-1260	0.00000	0.01700	0.0	0.0	1	0	comp	area under OHM pool #2			0	Kem
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Aroclor-1268	0.00000	0.01700	0.0	0.0	1	0	comp	area under OHM pool #2			0	Kem
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Mercury	0.00000	0.25999	0.0	0.0	1	0	comp	area under OHM pool #2			0	Kem
99074-USC-16	3/15/1999	99074-usc-16	soil	861366.13	432194.44	Aroclor-1016	0.00000	0.01800	0.0	0.0	1	0	comp	area under OHM pool #3			0	Kem
99074-USC-16	3/15/1999	99074-usc-16	soil	861366.13	432194.44	Aroclor-1248	0.00000	0.01800	0.0	0.0	1	0	comp	area under OHM pool #3			0	Kem
99074-USC-16	3/15/1999	99074-usc-16	soil	861366.13	432194.44	Aroclor-1254	0.00000	0.01800	0.0	0.0	1	0	comp	area under OHM pool #3			0	Kem
99074-USC-16	3/15/1999	99074-usc-16	soil	861366.13	432194.44	Aroclor-1260	0.00000	0.01800	0.0	0.0	1	0	comp	area under OHM pool #3			0	Kem
99074-USC-16	3/15/1999	99074-usc-16	soil	861366.13	432194.44	Aroclor-1268	0.03400	0.01800	0.0	0.0	1	0	comp	area under OHM pool #3			0	Kem
99074-USC-16	3/15/1999	99074-usc-16	soil	861366.13	432194.44	Mercury	0.00000	0.27000	0.0	0.0	1	0	comp	area under OHM pool #3			0	Kem
99126-DB-01	5/6/1999	99126-DB-01	soil	861146.06	431783.94	Aroclor-1016	0.00000	0.02000	2.0	2.2	1	0	comp	drain bed footprint area,confirmational			0	Kem
99126-DB-01	5/6/1999	99126-DB-01	soil	861146.06	431783.94	Aroclor-1248	0.00000	0.02000	2.0	2.2	1	0	comp	drain bed footprint area,confirmational			0	Kem
99126-DB-01	5/6/1999	99126-DB-01	soil	861146.06	431783.94	Aroclor-1254	0.00000	0.02000	2.0	2.2	1	0	comp	drain bed footprint area,confirmational			0	Kem
99126-DB-01	5/6/1999	99126-DB-01	soil	861146.06	431783.94	Aroclor-1260	0.00000	0.02000	2.0	2.2	1	0	comp	drain bed footprint area,confirmational			0	Kem
99126-DB-01	5/6/1999	99126-DB-01	soil	861146.06	431783.94	Aroclor-1268	0.04300	0.02000	2.0	2.2	1	0	comp	drain bed footprint area,confirmational			0	Kem
99126-DB-01	5/6/1999	99126-DB-01	soil	861146.06	431783.94	Mercury	0.00000	0.31000	2.0	2.2	1	0	comp	drain bed footprint area,confirmational			0	Kem
99153-LRC-03	6/2/1999	99153-LRC-03	soil	861516.06	431683.94	Aroclor-1016	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-03	6/2/1999	99153-LRC-03	soil	861516.06	431683.94	Aroclor-1248	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-03	6/2/1999	99153-LRC-03	soil	861516.06	431683.94	Aroclor-1254	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-03	6/2/1999	99153-LRC-03	soil	861516.06	431683.94	Aroclor-1260	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-03	6/2/1999	99153-LRC-03	soil	861516.06	431683.94	Aroclor-1268	0.09500	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-03	6/2/1999	99153-LRC-03	soil	861516.06	431683.94	Mercury	0.00000	0.25000	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-04	6/2/1999	99153-LRC-04	soil	861356.06	431771.94	Aroclor-1016	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-04	6/2/1999	99153-LRC-04	soil	861356.06	431771.94	Aroclor-1248	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-04	6/2/1999	99153-LRC-04	soil	861356.06	431771.94	Aroclor-1254	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-04	6/2/1999	99153-LRC-04	soil	861356.06	431771.94	Aroclor-1260	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-04	6/2/1999	99153-LRC-04	soil	861356.06	431771.94	Aroclor-1268	0.18000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99153-LRC-04	6/2/1999	99153-LRC-04	soil	861356.06	431771.94	Mercury	7.80000	2.60000	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-LRC-05	6/8/1999	99159-LRC-05	soil	861336.13	432253.94	Aroclor-1016	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-LRC-05	6/8/1999	99159-LRC-05	soil	861336.13	432253.94	Aroclor-1248	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-LRC-05	6/8/1999	99159-LRC-05	soil	861336.13	432253.94	Aroclor-1254	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-LRC-05	6/8/1999	99159-LRC-05	soil	861336.13	432253.94	Aroclor-1260	0.00000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-LRC-05	6/8/1999	99159-LRC-05	soil	861336.13	432253.94	Aroclor-1268	0.23000	0.01700	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-LRC-05	6/8/1999	99159-LRC-05	soil	861336.13	432253.94	Mercury	0.27000	0.25999	0.0	0.2	1	0	comp	limerock road confirmational			0	Kem
99159-USC-17	6/8/1999	99159-USC-17	soil	861236.06	431903.94	Aroclor-1016	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-17	6/8/1999	99159-USC-17	soil	861236.06	431903.94	Aroclor-1248	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-17	6/8/1999	99159-USC-17	soil	861236.06	431903.94	Aroclor-1254	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-17	6/8/1999	99159-USC-17	soil	861236.06	431903.94	Aroclor-1260	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-17	6/8/1999	99159-USC-17	soil	861236.06	431903.94	Aroclor-1268	0.45000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-17	6/8/1999	99159-USC-17	soil	861236.06	431903.94	Mercury	0.98000	0.25999	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-18	6/8/1999	99159-USC-18	soil	861236.06	432003.94	Aroclor-1016	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-18	6/8/1999	99159-USC-18	soil	861236.06	432003.94	Aroclor-1248	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-18	6/8/1999	99159-USC-18	soil	861236.06	432003.94	Aroclor-1254	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-18	6/8/1999	99159-USC-18	soil	861236.06	432003.94	Aroclor-1260	0.00000	0.01700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-18	6/8/1999	99159-USC-18	soil	861236.06	432003.94	Aroclor-1268	0.90000	0.08700	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
99159-USC-18	6/8/1999	99159-USC-18	soil	861236.06	432003.94	Mercury	0.68000	0.25999	0.0	0.2	1	0	comp	upland soil confirmational E. WPA			0	Kem
A113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Aroclor-1268	0.20000	0.16000	0.0	0.2	0	0			EPA 1995 Phase III Sediment Sampling		0	REA
A113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Aroclor-1268	0.00000	0.12000	0.6	0.8	0	0			EPA 1995 Phase III Sediment Sampling		0	REA
A113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Aroclor-1268	0.00000	0.13000	1.6	1.8	0	0			EPA 1995 Phase III Sediment Sampling		0	REA
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Aroclor-1016	0.00000	0.04200	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Aroclor-1248	0.00000	0.04200	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Aroclor-1254	0.00710	0.00000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Aroclor-1260	0.00000	0.04200	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Aroclor-1268	0.00000	0.04200	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Arsenic	0.52999	0.00000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Barium	10.60000	0.00000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Benzene	0.00000	0.01200	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Benzo(a)anthracene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Benzo(a)pyrene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Benzo(b)fluoranthene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Benzo(k)fluoranthene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Chromium	3.50000	0.00000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Chrysene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Dibenzo(a,h)anthracene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Lead	6.70000	0.00000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Mercury	0.03999	0.00000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	2-Methylnaphthalene	0.00000	0.41000	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Silver	0.00000	0.47999	1.0	3.0	0	0	grab				0	Col
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Tetrachloroethene	0.00200	0.00000	1.0	3.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Aroclor-1016	0.00000	0.05200	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Aroclor-1248	0.00000	0.05200	4.0	6.0	0	0	grab				0	Col

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Aroclor-1254	0.00889	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Aroclor-1260	0.00000	0.05200	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Aroclor-1268	0.10000	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Arsenic	0.68999	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Barium	25.40000	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Benzene	0.00000	0.01500	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Benzo(a)anthracene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Benzo(a)pyrene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Benzo(b)fluoranthene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Benzo(k)fluoranthene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Chromium	4.50000	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Chrysene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Dibenzo(a,h)anthracene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Indeno(1,2,3-cd)pyrene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Lead	31.90000	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Mercury	4.50000	0.00000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	2-Methylnaphthalene	0.00000	0.52000	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Silver	0.00000	0.58999	4.0	6.0	0	0	grab				0	Col
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Tetrachloroethene	0.00300	0.00000	4.0	6.0	0	0	grab				0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Aroclor-1016	0.02800	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Aroclor-1248	0.00000	0.04200	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Aroclor-1254	0.15000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Aroclor-1260	0.00000	0.04200	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Aroclor-1268	0.18000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Arsenic	0.33000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Barium	5.80000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Benzene	0.00000	0.05600	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Benzo(a)anthracene	0.00000	0.41000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Benzo(a)pyrene	0.02900	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Benzo(b)fluoranthene	0.00000	0.41000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Benzo(k)fluoranthene	0.00000	0.41000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Chromium	0.00000	0.75000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Chrysene	0.03900	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Lead	18.60000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Mercury	0.37999	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	2-Methylnaphthalene	4.70000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Silver	0.00000	0.47999	2.0	4.0	0	0	grab			BAC	0	Col
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Tetrachloroethene	0.00000	0.05600	2.0	4.0	0	0	grab			BAC	0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Aroclor-1016	0.00000	0.03900	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Aroclor-1248	0.00000	0.03900	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Aroclor-1254	0.00000	0.03900	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Aroclor-1260	0.03100	0.00000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Aroclor-1268	0.00000	0.03900	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Arsenic	0.82999	0.00000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Barium	25.00000	0.00000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Benzo(a)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Benzo(a)pyrene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Benzo(b)fluoranthene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Benzo(k)fluoranthene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Chromium	3.30000	0.00000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Chrysene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Lead	25.10000	0.00000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Mercury	0.10000	0.00000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	2-Methylnaphthalene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Silver	0.00000	0.44999	0.0	2.0	0	0	grab				0	Col
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Aroclor-1016	0.00000	0.04400	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Aroclor-1248	0.00000	0.04400	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Aroclor-1254	0.00000	0.04400	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Aroclor-1260	0.00000	0.04400	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Aroclor-1268	0.00000	0.04400	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Arsenic	0.41999	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Barium	5.60000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Benzo(a)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Benzo(a)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Benzo(b)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Benzo(k)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Chromium	1.90000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Chrysene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Dibenzo(a,h)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Lead	1.90000	0.00000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Mercury	0.00000	0.05000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	2-Methylnaphthalene	0.00000	0.43000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Silver	0.00000	0.50000	2.0	4.0	0	0	grab			BAC	0	Col
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Tetrachloroethene	0.00000	0.01300	2.0	4.0	0	0	grab			BAC	0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Aroclor-1016	0.00000	0.41000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Aroclor-1248	0.00000	0.41000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Aroclor-1254	3.50000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Aroclor-1260	25.00000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Aroclor-1268	0.00000	0.41000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Arsenic	0.79000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Barium	14.40000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Benzene	0.00000	0.01200	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Benzo(a)anthracene	0.09000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Benzo(a)pyrene	0.05200	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Benzo(b)fluoranthene	0.12000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Benzo(k)fluoranthene	0.14000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Chromium	4.40000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Chrysene	0.16000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Dibenzo(a,h)anthracene	0.03200	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Indeno(1,2,3-cd)pyrene	0.06800	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Lead	34.50000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Mercury	1.40000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	2-Methylnaphthalene	0.02000	0.00000	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Silver	0.00000	0.46999	4.0	6.0	0	0	grab				0	Col
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Tetrachloroethene	0.00000	0.01200	4.0	6.0	0	0	grab				0	Col
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1016	0.00000	0.03700	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1248	0.00000	0.03700	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1254	0.68000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1260	0.77000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1268	3.60000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Barium	36.10000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzene	0.00000	0.01100	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(a)anthracene	0.18000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(a)pyrene	0.18000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(b)fluoranthene	0.34000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(k)fluoranthene	0.13000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Chrysene	0.28000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Indeno(1,2,3-cd)pyrene	0.11000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Lead	119.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Mercury	3.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	2-Methylnaphthalene	0.17000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Tetrachloroethene	0.00000	0.01100	0.0	2.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1016	0.00000	0.03900	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1248	0.00000	0.03900	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1254	0.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1260	0.06000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Aroclor-1268	0.15000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Barium	16.90000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(a)anthracene	0.04300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(a)pyrene	0.04800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(b)fluoranthene	0.07800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Benzo(k)fluoranthene	0.02900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Chrysene	0.07200	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Indeno(1,2,3-cd)pyrene	0.02700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Lead	116.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Mercury	0.62999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	2-Methylnaphthalene	0.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Tetrachloroethene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1016	0.00000	0.03600	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1248	0.00000	0.03600	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1254	0.43000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1260	2.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1268	6.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Barium	47.50000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzene	0.00100	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(a)anthracene	0.50000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(a)pyrene	0.50000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(b)fluoranthene	1.10000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(k)fluoranthene	0.40000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Chrysene	0.72000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Dibenzo(a,h)anthracene	0.12000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Indeno(1,2,3-cd)pyrene	0.36000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Lead	128.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Mercury	9.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	2-Methylnaphthalene	0.12000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-1	3/23/1995	GPT-01	soil	861913.25	432300.84	Tetrachloroethene	0.00200	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1016	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1248	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1254	0.11000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1260	0.17000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Aroclor-1268	0.68000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Barium	23.40000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(a)anthracene	0.12000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(a)pyrene	0.13000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(b)fluoranthene	0.23000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Benzo(k)fluoranthene	0.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Chrysene	0.17000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Indeno(1,2,3-cd)pyrene	0.08700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Lead	116.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Mercury	1.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	2-Methylnaphthalene	0.09000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.84	Tetrachloroethene	0.00300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1016	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1248	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1254	0.18000	0.00000	2.0	4.0	0	0	grab				0	Sav

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1260	0.15000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1268	0.63000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Barium	13.50000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(a)anthracene	0.04400	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(a)pyrene	0.04200	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(b)fluoranthene	0.09300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(k)fluoranthene	0.02800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Chrysene	0.06900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Indeno(1,2,3-cd)pyrene	0.02700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Lead	38.20000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Mercury	0.46000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	2-Methylnaphthalene	0.04600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Tetrachloroethene	0.00400	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1016	0.00000	0.03600	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1248	0.00000	0.03600	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1254	0.31000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1260	0.39000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Aroclor-1268	2.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Barium	19.60000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzene	0.00000	0.01100	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(a)anthracene	0.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(a)pyrene	0.07800	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(b)fluoranthene	0.32000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Benzo(k)fluoranthene	0.12000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Chrysene	0.27000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Indeno(1,2,3-cd)pyrene	0.05900	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Lead	65.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Mercury	1.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	2-Methylnaphthalene	0.12000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Tetrachloroethene	0.00100	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1016	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1248	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1254	1.60000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1260	0.48000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1268	0.46000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Barium	8.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(a)anthracene	0.14000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(a)pyrene	0.14000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(b)fluoranthene	0.11000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(k)fluoranthene	0.02800	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Chrysene	0.23000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Dibenzo(a,h)anthracene	0.00000	0.40000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Indeno(1,2,3-cd)pyrene	0.07400	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Lead	346.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Mercury	2.90000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	2-Methylnaphthalene	0.29000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1016	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1248	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1254	0.15000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1260	0.03900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Aroclor-1268	0.04600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Barium	1.80000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(a)anthracene	0.01800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(a)pyrene	0.03200	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(b)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Benzo(k)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Chrysene	0.02400	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Dibenzo(a,h)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Lead	50.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Mercury	0.75000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	2-Methylnaphthalene	0.02900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Tetrachloroethene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1016	0.00000	0.03900	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1248	0.00000	0.03900	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1254	0.02400	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1260	0.04400	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1268	0.10000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Barium	41.30000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(a)anthracene	0.03700	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(a)pyrene	0.04400	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(b)fluoranthene	0.03400	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(k)fluoranthene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Chrysene	0.05500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Lead	63.90000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Mercury	0.00000	0.00999	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	2-Methylnaphthalene	0.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1016	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1248	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1254	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1260	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1268	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Barium	6.20000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(a)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(a)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(b)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(k)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Chrysene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Dibenzo(a,h)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Lead	6.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Mercury	0.05999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	2-Methylnaphthalene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Tetrachloroethene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1016	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1248	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1254	1.60000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1260	0.80000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1268	1.50000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Barium	37.10000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(a)anthracene	1.30000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(a)pyrene	1.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(b)fluoranthene	2.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(k)fluoranthene	0.80000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Chrysene	2.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Dibenzo(a,h)anthracene	0.18000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Indeno(1,2,3-cd)pyrene	0.51000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Lead	122.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Mercury	3.30000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	2-Methylnaphthalene	0.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-12-1	3/23/1995	GPT-12	soil	861897.50	432401.72	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1016	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1248	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1254	0.04400	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1260	0.04500	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Aroclor-1268	0.07100	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Barium	5.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(a)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(a)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(b)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(k)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Chrysene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Dibenzo(a,h)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Lead	23.70000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Mercury	1.40000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	2-Methylnaphthalene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Tetrachloroethene	0.00600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1016	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1248	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1254	1.40000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1260	0.26000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1268	0.43000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Barium	19.40000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(a)anthracene	0.04700	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(a)pyrene	0.07400	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(b)fluoranthene	0.18000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(k)fluoranthene	0.05700	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Chrysene	0.07900	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Dibenzo(a,h)anthracene	0.00000	0.41000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Indeno(1,2,3-cd)pyrene	0.06500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Lead	124.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Mercury	0.36000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	2-Methylnaphthalene	0.08000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1016	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1248	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1254	0.04300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1260	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Aroclor-1268	0.02200	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Barium	4.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(a)anthracene	0.02000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(a)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(b)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(k)fluoranthene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Chrysene	0.02000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Dibenzo(a,h)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Indeno(1,2,3-cd)pyrene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Lead	8.90000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Mercury	0.03999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	2-Methylnaphthalene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Tetrachloroethene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1016	0.00000	0.07800	0.0	2.0	0	0	grab				0	Sav

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1248	0.00000	0.07800	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1254	0.17000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1260	0.00000	0.07800	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1268	0.54000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Barium	17.50000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(a)anthracene	0.08500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(a)pyrene	0.11000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(b)fluoranthene	0.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(k)fluoranthene	0.07500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Chrysene	0.14000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Indeno(1,2,3-cd)pyrene	0.08800	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Lead	93.40000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Mercury	0.68999	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	2-Methylnaphthalene	0.03500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Tetrachloroethene	0.00050	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1016	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1248	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1254	0.02000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1260	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Aroclor-1268	0.07800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Barium	10.50000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(a)anthracene	0.02600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(a)pyrene	0.02700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(b)fluoranthene	0.03000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Benzo(k)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Chrysene	0.03700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Dibenzo(a,h)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Lead	5.80000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Mercury	0.07000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	2-Methylnaphthalene	0.69000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Tetrachloroethene	0.00050	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1016	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1248	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1254	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1260	0.25000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1268	0.76000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Barium	21.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(a)anthracene	0.02500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(a)pyrene	0.02900	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(b)fluoranthene	0.04800	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(k)fluoranthene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Chrysene	0.03600	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Lead	185.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Mercury	0.41999	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	2-Methylnaphthalene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Tetrachloroethene	0.00050	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1016	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1248	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1254	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1260	0.03800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Aroclor-1268	0.12000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Barium	12.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(a)anthracene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(a)pyrene	0.03100	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(b)fluoranthene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Benzo(k)fluoranthene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Chrysene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Lead	17.40000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Mercury	0.12999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	2-Methylnaphthalene	0.00000	0.41000	2.0	4.0	0	0	grab				0	Sav
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Tetrachloroethene	0.00200	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1016	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1248	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1254	2.40000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1260	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1268	0.07100	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Barium	61.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(a)anthracene	0.47000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(a)pyrene	0.44000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(b)fluoranthene	0.67000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(k)fluoranthene	0.26000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Chrysene	0.66000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Dibenzo(a,h)anthracene	0.08100	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Indeno(1,2,3-cd)pyrene	0.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Lead	821.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Mercury	0.49000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	2-Methylnaphthalene	0.07000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-1	3/23/1995	GPT-31	soil	861946.81	432595.38	Tetrachloroethene	0.00100	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1016	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1248	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1254	0.16000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1260	0.00000	0.04300	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Aroclor-1268	0.01700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Barium	31.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzene	0.00000	1.60000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(a)anthracene	0.09300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(a)pyrene	0.08600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(b)fluoranthene	0.09300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Benzo(k)fluoranthene	0.02900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Chrysene	0.12000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Dibenzo(a,h)anthracene	0.00000	0.43000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Indeno(1,2,3-cd)pyrene	0.04000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Lead	103.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Mercury	0.14000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	2-Methylnaphthalene	0.11000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Tetrachloroethene	0.00000	1.60000	2.0	4.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1016	0.00000	0.03900	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1248	0.00000	0.03900	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1254	0.81000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1260	0.00000	0.03900	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1268	0.44000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Barium	58.60000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzene	0.00300	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(a)anthracene	0.08600	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(a)pyrene	0.07800	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(b)fluoranthene	0.12000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(k)fluoranthene	0.04200	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Chrysene	0.14000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Indeno(1,2,3-cd)pyrene	0.05200	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Lead	931.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Mercury	3.90000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	2-Methylnaphthalene	1.50000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1016	0.00000	0.08100	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1248	0.00000	0.08100	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1254	0.35000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1260	0.00000	0.08100	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Aroclor-1268	0.22000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Barium	93.70000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzene	0.00000	1.50000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(a)anthracene	0.68000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(a)pyrene	0.41000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(b)fluoranthene	0.00000	8.10000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Benzo(k)fluoranthene	0.00000	8.10000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Chrysene	0.83000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Dibenzo(a,h)anthracene	0.00000	8.10000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Indeno(1,2,3-cd)pyrene	0.00000	8.10000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Lead	148.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Mercury	0.38999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	2-Methylnaphthalene	57.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Tetrachloroethene	0.00000	1.50000	2.0	4.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1016	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1248	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1254	0.31000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1260	0.00000	0.03800	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1268	0.03200	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Barium	18.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(a)anthracene	0.02000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(a)pyrene	0.01900	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(b)fluoranthene	0.03700	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(k)fluoranthene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Chrysene	0.03500	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Dibenzo(a,h)anthracene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Lead	63.80000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Mercury	0.18999	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	2-Methylnaphthalene	0.00000	0.39000	0.0	2.0	0	0	grab				0	Sav
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Tetrachloroethene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1016	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1248	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1254	0.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1260	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Aroclor-1268	0.01000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Barium	19.30000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(a)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(a)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(b)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(k)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Chrysene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Dibenzo(a,h)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Indeno(1,2,3-cd)pyrene	0.04700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Lead	20.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Mercury	0.07999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	2-Methylnaphthalene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Tetrachloroethene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1016	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1248	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1254	0.10000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1260	0.00000	0.04000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1268	0.05600	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Barium	11.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzene	0.00000	0.01200	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(a)anthracene	0.56000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(a)pyrene	0.08300	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(b)fluoranthene	0.37000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(k)fluoranthene	0.13000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Chrysene	0.00000	0.40000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Dibenzo(a,h)anthracene	0.00000	0.40000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Indeno(1,2,3-cd)pyrene	0.09600	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Lead	393.00000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Mercury	1.20000	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	2-Methylnaphthalene	0.00000	0.40000	0.0	2.0	0	0	grab				0	Sav
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Tetrachloroethene	0.00080	0.00000	0.0	2.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1016	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1248	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1254	0.02700	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1260	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Aroclor-1268	0.01400	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Barium	4.50000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(a)anthracene	0.35000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(a)pyrene	0.06900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(b)fluoranthene	0.13000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Benzo(k)fluoranthene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Chrysene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Lead	703.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Mercury	0.49000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	2-Methylnaphthalene	0.00000	0.40000	2.0	4.0	0	0	grab				0	Sav
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Tetrachloroethene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Aroclor-1016	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Aroclor-1248	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Aroclor-1254	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Aroclor-1260	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Aroclor-1268	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Barium	6.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Benzene	0.00000	0.01300	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Benzo(a)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Benzo(a)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Benzo(b)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Benzo(k)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Chrysene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Dibenzo(a,h)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Lead	92.90000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Mercury	0.03999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	2-Methylnaphthalene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Tetrachloroethene	0.00060	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Aroclor-1016	0.00000	0.04400	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Aroclor-1248	0.00000	0.04400	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Aroclor-1254	1.20000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Aroclor-1260	0.00000	0.04400	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Aroclor-1268	0.01600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Barium	23.90000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Benzene	0.00000	1.70000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Benzo(a)anthracene	0.23000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Benzo(a)pyrene	0.16000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Benzo(b)fluoranthene	0.18000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Benzo(k)fluoranthene	0.05100	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Chrysene	0.29000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Dibenzo(a,h)anthracene	0.00000	4.40000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Indeno(1,2,3-cd)pyrene	0.07000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Lead	98.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Mercury	0.07000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	2-Methylnaphthalene	0.00000	4.40000	2.0	4.0	0	0	grab				0	Sav
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Tetrachloroethene	0.00000	1.70000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Aroclor-1016	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Aroclor-1248	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Aroclor-1254	0.33000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Aroclor-1260	0.00000	0.04200	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Aroclor-1268	0.02600	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Barium	6.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Benzene	0.00000	1.60000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Benzo(a)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Benzo(a)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Benzo(b)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Benzo(k)fluoranthene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Chrysene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Dibenzo(a,h)anthracene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Lead	63.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Mercury	0.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	2-Methylnaphthalene	0.05800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Tetrachloroethene	0.00000	1.60000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Aroclor-1016	0.00000	0.19000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Aroclor-1248	0.00000	0.19000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Aroclor-1254	10.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Aroclor-1260	0.00000	0.19000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Aroclor-1268	0.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Barium	14.20000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Benzo(a)anthracene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Benzo(a)pyrene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Benzo(b)fluoranthene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Benzo(k)fluoranthene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Chrysene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Dibenzo(a,h)anthracene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Lead	74.30000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Mercury	0.07999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	2-Methylnaphthalene	0.02100	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Tetrachloroethene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Aroclor-1016	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Aroclor-1248	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Aroclor-1254	1.10000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Aroclor-1260	0.00000	0.04000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Aroclor-1268	0.09100	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Barium	38.40000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Benzene	0.00000	0.01200	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Benzo(a)anthracene	0.04800	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Benzo(a)pyrene	0.07300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Benzo(b)fluoranthene	0.11000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Benzo(k)fluoranthene	0.03900	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Chrysene	0.08300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Dibenzo(a,h)anthracene	0.00000	0.39000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Indeno(1,2,3-cd)pyrene	0.07200	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Lead	67.30000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Mercury	0.09000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	2-Methylnaphthalene	0.08400	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Tetrachloroethene	0.00100	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Aroclor-1016	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Aroclor-1248	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Aroclor-1254	1.60000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Aroclor-1260	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Aroclor-1268	0.00000	0.04100	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Barium	13.40000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Benzene	0.00000	1.50000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Benzo(a)anthracene	0.00000	4.10000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Benzo(a)pyrene	0.04300	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Benzo(b)fluoranthene	0.00000	4.10000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Benzo(k)fluoranthene	0.00000	4.10000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Chrysene	0.00000	4.10000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Dibenzo(a,h)anthracene	0.00000	4.10000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Indeno(1,2,3-cd)pyrene	0.00000	4.10000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Lead	60.50000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Mercury	0.01999	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	2-Methylnaphthalene	23.00000	0.00000	2.0	4.0	0	0	grab				0	Sav
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Tetrachloroethene	0.00000	1.50000	2.0	4.0	0	0	grab				0	Sav
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Benzene	0.00000	11.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Benzo(a)anthracene	0.00000	45.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Benzo(a)pyrene	0.00000	45.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	sec-Butylbenzene	1.10000	0.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Chrysene	0.00000	45.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Dibenzo(a,h)anthracene	0.00000	45.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Indeno(1,2,3-cd)pyrene	0.00000	45.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	p-Isopropyltoluene	2.40000	0.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Lead	190.00000	0.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Mercury	0.00000	0.05000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	2-Methylnaphthalene	32.00000	0.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Tetrachloroethene	0.00000	11.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	1,2,4-Trimethylbenzene	7.40000	0.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	1,3,5-Trimethylbenzene	4.30000	0.00000	0.0	1.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Benzene	0.00000	0.13000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Benzo(a)anthracene	0.00000	10.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Benzo(a)pyrene	0.00000	10.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Chrysene	0.00000	10.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Dibenzo(a,h)anthracene	0.00000	10.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Indeno(1,2,3-cd)pyrene	0.00000	10.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Lead	17.00000	0.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Mercury	0.34000	0.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	2-Methylnaphthalene	0.00000	10.00000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Tetrachloroethene	0.00000	0.13000	2.0	3.0	0	0	comp	Characterization		NREA	0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Benzene	0.00000	12.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Benzo(a)anthracene	0.00000	54.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Benzo(a)pyrene	0.00000	54.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	n-Butylbenzene	9.10000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	sec-Butylbenzene	10.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Chrysene	0.00000	54.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Dibenzo(a,h)anthracene	0.00000	54.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Indeno(1,2,3-cd)pyrene	0.00000	54.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Isopropylbenzene	14.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	p-Isopropyltoluene	23.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Lead	16.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Mercury	3.20000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	2-Methylnaphthalene	23.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	n-Propylbenzene	14.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Tetrachloroethene	0.00000	12.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	1,2,4-Trimethylbenzene	120.00001	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	1,3,5-Trimethylbenzene	57.00000	0.00000	2.0	3.0	0	0	comp	Characterization			0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Aluminum	2000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Antimony	22.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Aroclor-1016	0.00000	10.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Aroclor-1248	0.00000	10.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Aroclor-1254	0.00000	110.00001	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Aroclor-1260	110.00001	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Aroclor-1268	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Arsenic	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Barium	100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Benzene	0.00000	0.07200	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Benzo(a)anthracene	0.00000	6.80000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Benzo(a)pyrene	0.00000	6.80000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Chromium	54.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Chrysene	0.00000	6.80000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Copper	35.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Dibenzo(a,h)anthracene	0.00000	6.80000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Indeno(1,2,3-cd)pyrene	0.00000	6.80000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Iron	15000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Lead	390.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Manganese	84.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Mercury	18.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	2-Methylnaphthalene	0.00000	6.80000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Nickel	9.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Silver	0.00000	2.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Tetrachloroethene	0.00000	0.07200	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Titanium	94.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Vanadium	13.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Zinc	510.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Benzo(a)anthracene	1.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Benzo(a)pyrene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Chrysene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Dibenzo(a,h)anthracene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Indeno(1,2,3-cd)pyrene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Lead	230.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Mercury	9.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	2-Methylnaphthalene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Benzo(a)anthracene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Benzo(a)pyrene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Chrysene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Dibenzo(a,h)anthracene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Indeno(1,2,3-cd)pyrene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Lead	6.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Mercury	0.15000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	2-Methylnaphthalene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Benzene	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Benzo(a)anthracene	0.00000	8.10000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Benzo(a)pyrene	0.00000	8.10000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Chrysene	0.00000	8.10000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Dibenzo(a,h)anthracene	0.00000	8.10000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Indeno(1,2,3-cd)pyrene	0.00000	8.10000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Lead	89.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Mercury	1.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	2-Methylnaphthalene	0.00000	8.10000	0.0	1.0	0	0	comp				0	ESD
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Tetrachloroethene	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Benzo(a)anthracene	0.00000	9.10000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Benzo(a)pyrene	0.00000	9.10000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Chrysene	0.00000	9.10000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Dibenzo(a,h)anthracene	0.00000	9.10000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Indeno(1,2,3-cd)pyrene	0.00000	9.10000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Lead	14.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Mercury	0.20999	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	2-Methylnaphthalene	0.00000	9.10000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Benzene	0.00000	0.09800	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Benzo(a)anthracene	0.00000	9.80000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Benzo(a)pyrene	0.00000	9.80000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Chrysene	0.00000	9.80000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Dibenzo(a,h)anthracene	0.00000	9.80000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Indeno(1,2,3-cd)pyrene	0.00000	9.80000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Lead	26.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Mercury	38.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	2-Methylnaphthalene	0.00000	9.80000	0.0	1.0	0	0	comp				0	ESD
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Tetrachloroethene	0.00000	0.09800	0.0	1.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Benzo(a)anthracene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Benzo(a)pyrene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Chrysene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Dibenzo(a,h)anthracene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Indeno(1,2,3-cd)pyrene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Lead	6.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Mercury	1.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	2-Methylnaphthalene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Benzene	0.00000	0.04900	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Benzo(a)anthracene	0.00000	13.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Benzo(a)pyrene	0.00000	13.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Chrysene	0.00000	13.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Dibenzo(a,h)anthracene	0.00000	13.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Indeno(1,2,3-cd)pyrene	0.00000	13.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Lead	34.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Mercury	32.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	2-Methylnaphthalene	0.00000	13.00000	0.0	1.0	0	0	comp				0	ESD
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Tetrachloroethene	0.00000	0.04900	0.0	1.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Benzo(a)anthracene	0.00000	7.80000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Benzo(a)pyrene	0.00000	7.80000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Chrysene	0.00000	7.80000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Dibenzo(a,h)anthracene	0.00000	7.80000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Indeno(1,2,3-cd)pyrene	0.00000	7.80000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Lead	5.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Mercury	1.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	2-Methylnaphthalene	0.00000	7.80000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Aluminum	2100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Antimony	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Arsenic	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Barium	3.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Benzo(a)anthracene	0.00000	8.70000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Benzo(a)pyrene	0.00000	8.70000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Chromium	2.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Chrysene	0.00000	8.70000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Copper	4.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Dibenzo(a,h)anthracene	0.00000	8.70000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Indeno(1,2,3-cd)pyrene	0.00000	8.70000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Iron	4200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Lead	73.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Manganese	19.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Mercury	2.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	2-Methylnaphthalene	0.00000	8.70000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Nickel	0.00000	2.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Silver	0.00000	1.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Titanium	78.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Vanadium	6.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Zinc	28.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Aluminum	2900.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Antimony	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Arsenic	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Barium	4.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Benzene	0.00000	0.05900	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Benzo(a)anthracene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Benzo(a)pyrene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Chromium	3.70000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Chrysene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Copper	5.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Dibenzo(a,h)anthracene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Indeno(1,2,3-cd)pyrene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Iron	3400.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Lead	38.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Manganese	16.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Mercury	0.73000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	2-Methylnaphthalene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Nickel	3.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Silver	0.00000	1.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Tetrachloroethene	0.00000	0.05900	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Titanium	180.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Vanadium	9.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Zinc	11.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Aluminum	3600.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Antimony	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Arsenic	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Barium	4.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Benzo(a)anthracene	0.92000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Benzo(a)pyrene	0.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Chromium	4.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Chrysene	0.85000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Copper	4.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Dibenzo(a,h)anthracene	0.00000	7.60000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Indeno(1,2,3-cd)pyrene	0.00000	7.60000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Iron	5200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Lead	65.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Manganese	22.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Mercury	1.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	2-Methylnaphthalene	0.00000	7.60000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Nickel	3.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Silver	0.00000	1.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Titanium	110.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Vanadium	9.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Zinc	36.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Aluminum	2800.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Antimony	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Arsenic	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Barium	3.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Benzene	0.00000	0.04700	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Benzo(a)anthracene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Benzo(a)pyrene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Chromium	3.70000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Chrysene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Copper	0.00000	1.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Dibenzo(a,h)anthracene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Indeno(1,2,3-cd)pyrene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Iron	1100.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Lead	15.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Manganese	8.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Mercury	1.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	2-Methylnaphthalene	0.00000	5.90000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Nickel	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Silver	0.00000	1.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Tetrachloroethene	0.00000	0.04700	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Titanium	160.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Vanadium	4.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Zinc	7.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Benzene	0.00000	0.04400	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Benzo(a)anthracene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Benzo(a)pyrene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Chrysene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Dibenzo(a,h)anthracene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Indeno(1,2,3-cd)pyrene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Lead	5.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Mercury	0.44999	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	2-Methylnaphthalene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Tetrachloroethene	0.00000	0.04400	0.0	1.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Benzo(a)anthracene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Benzo(a)pyrene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Chrysene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Dibenzo(a,h)anthracene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Indeno(1,2,3-cd)pyrene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Lead	3.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Mercury	0.14000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	2-Methylnaphthalene	0.00000	7.10000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Benzene	0.00000	0.08800	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Benzo(a)anthracene	1.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Benzo(a)pyrene	1.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Chrysene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Dibenzo(a,h)anthracene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Indeno(1,2,3-cd)pyrene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Lead	94.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Mercury	2.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	2-Methylnaphthalene	0.00000	8.50000	0.0	1.0	0	0	comp				0	ESD
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Tetrachloroethene	0.00000	0.08800	0.0	1.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Benzo(a)anthracene	0.00000	8.30000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Benzo(a)pyrene	0.00000	8.30000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Chrysene	0.00000	8.30000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Dibenzo(a,h)anthracene	0.00000	8.30000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Indeno(1,2,3-cd)pyrene	0.00000	8.30000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Lead	5.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Mercury	0.33000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	2-Methylnaphthalene	0.00000	8.30000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Benzo(a)anthracene	0.00000	9.30000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Benzo(a)pyrene	0.00000	9.30000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Chrysene	0.00000	9.30000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Dibenzo(a,h)anthracene	0.00000	9.30000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Indeno(1,2,3-cd)pyrene	0.00000	9.30000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Lead	19.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Mercury	3.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	2-Methylnaphthalene	0.00000	9.30000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Benzo(a)anthracene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Benzo(a)pyrene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Chrysene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Dibenzo(a,h)anthracene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Indeno(1,2,3-cd)pyrene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Lead	110.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Mercury	1.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	2-Methylnaphthalene	0.00000	8.30000	0.0	1.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Benzo(a)anthracene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Benzo(a)pyrene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Chrysene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Dibenzo(a,h)anthracene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Indeno(1,2,3-cd)pyrene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Lead	58.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Mercury	0.41999	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	2-Methylnaphthalene	0.00000	9.80000	2.0	3.0	0	0	comp				0	ESD
LC-254-SLB	10/18/1994	LC-254	soil	862029.31	431271.66	Aroclor-1016	0.00000	0.23999	2.0	3.0	0	0	grab				0	ESD
LC-254-SLB	10/18/1994	LC-254	soil	862029.31	431271.66	Aroclor-1248	0.00000	0.23999	2.0	3.0	0	0	grab				0	ESD
LC-254-SLB	10/18/1994	LC-254	soil	862029.31	431271.66	Aroclor-1254	0.00000	0.27000	2.0	3.0	0	0	grab				0	ESD
LC-254-SLB	10/18/1994	LC-254	soil	862029.31	431271.66	Aroclor-1260	0.00000	0.27000	2.0	3.0	0	0	grab				0	ESD
LC-254-SLB	10/18/1994	LC-254	soil	862029.31	431271.66	Aroclor-1268	0.15999	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-254-SLB	10/18/1994	LC-254	soil	862029.31	431271.66	Mercury	74.00000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-255-SLB	10/18/1994	LC-255	soil	862021.06	431274.50	Aroclor-1016	0.00000	0.20999	2.0	3.0	0	0	grab				0	ESD
LC-255-SLB	10/18/1994	LC-255	soil	862021.06	431274.50	Aroclor-1248	0.00000	0.20999	2.0	3.0	0	0	grab				0	ESD
LC-255-SLB	10/18/1994	LC-255	soil	862021.06	431274.50	Aroclor-1254	0.00000	0.82999	2.0	3.0	0	0	grab				0	ESD
LC-255-SLB	10/18/1994	LC-255	soil	862021.06	431274.50	Aroclor-1260	0.00000	0.82999	2.0	3.0	0	0	grab				0	ESD
LC-255-SLB	10/18/1994	LC-255	soil	862021.06	431274.50	Aroclor-1268	10.00000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-255-SLB	10/18/1994	LC-255	soil	862021.06	431274.50	Mercury	86.00000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-257-SLB	10/17/1994	LC-257	soil	862049.31	431307.94	Mercury	4.20000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-258-SLB	10/17/1994	LC-258	soil	862047.25	431295.88	Mercury	3.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-277-SLA	10/15/1994	LC-277	soil	862218.75	432228.72	Mercury	10.00000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-277-SLB	10/15/1994	LC-277	soil	862218.75	432228.72	Mercury	0.94999	0.00000	4.0	5.0	0	0	grab				0	ESD
LC-278-SLA	10/15/1994	LC-278	soil	862079.69	432245.09	Mercury	4.20000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-278-SLB	10/15/1994	LC-278	soil	862079.69	432245.09	Mercury	1.70000	0.00000	4.0	5.0	0	0	grab				0	ESD
LC-279-SLA	10/15/1994	LC-279	soil	862025.31	432252.75	Mercury	4.80000	0.00000	2.0	3.0	0	0	grab				0	ESD
LC-279-SLB	10/15/1994	LC-279	soil	862025.31	432252.75	Mercury	0.55000	0.00000	4.0	5.0	0	0	grab				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Aluminum	3700.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Arsenic	0.00000	2.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Barium	9.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Benzo(a)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Chromium	3.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Chrysene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Copper	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Iron	1700.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Lead	0.00000	30.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Manganese	15.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Mercury	0.00000	0.10999	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Nickel	0.00000	2.20000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Silver	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Vanadium	0.00000	7.00000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Zinc	0.00000	0.86000	0.0	1.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Aluminum	3100.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1016	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1248	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1254	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Aroclor-1260	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Arsenic	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Barium	12.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Benzo(a)anthracene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Benzo(a)pyrene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Chromium	3.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Chrysene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Copper	0.00000	0.63999	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Dibenzo(a,h)anthracene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Iron	1300.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Lead	0.00000	9.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Manganese	12.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Mercury	0.00000	0.10999	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	2-Methylnaphthalene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Nickel	0.00000	2.10000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Silver	0.00000	0.63999	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Zinc	0.00000	0.86000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Aluminum	4000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1016	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1248	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1254	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1260	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Arsenic	0.00000	1.50000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Barium	29.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Chromium	6.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Chrysene	0.06900	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Copper	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Iron	3000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Lead	0.00000	30.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Manganese	62.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Mercury	0.15999	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	2-Methylnaphthalene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Nickel	0.00000	2.20000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Silver	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Vanadium	0.00000	8.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Zinc	86.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Aluminum	3800.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1016	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1248	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1254	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Aroclor-1260	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Arsenic	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Barium	14.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Benzo(a)anthracene	0.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Benzo(a)pyrene	0.22000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Chromium	4.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Chrysene	0.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Copper	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Indeno(1,2,3-cd)pyrene	0.19000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Iron	1900.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Lead	75.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Manganese	24.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Mercury	3.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Nickel	0.00000	2.20000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Silver	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Vanadium	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Zinc	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Aluminum	3200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Arsenic	2.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Barium	24.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Benzene	0.00000	0.01000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Benzo(a)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Chromium	8.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Chrysene	0.04700	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Copper	6.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Iron	3000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Lead	0.00000	40.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Manganese	41.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Mercury	0.00000	0.10999	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Nickel	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Silver	0.00000	0.62999	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Tetrachloroethene	0.00000	0.01000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Vanadium	0.00000	5.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Zinc	87.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Aluminum	3700.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Aroclor-1016	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Aroclor-1248	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Aroclor-1254	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Aroclor-1260	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Arsenic	0.00000	1.50000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Barium	10.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Benzo(a)anthracene	0.04700	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Benzo(a)pyrene	0.07500	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Chromium	2.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Chrysene	0.09300	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Copper	0.00000	0.64999	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Indeno(1,2,3-cd)pyrene	0.05400	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Iron	1600.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Lead	0.00000	7.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Manganese	58.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Mercury	0.00000	0.10999	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Nickel	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Silver	0.00000	0.64999	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Zinc	0.00000	0.87000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Aluminum	4200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Arsenic	0.00000	1.50000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Barium	13.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Benzo(a)anthracene	0.09000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Benzo(a)pyrene	0.12000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Chromium	4.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Chrysene	0.19000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Copper	0.00000	1.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Indeno(1,2,3-cd)pyrene	0.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Iron	2100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Lead	84.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Manganese	31.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Mercury	0.00000	0.10999	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Nickel	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Silver	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Vanadium	0.00000	8.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Zinc	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Aluminum	5400.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1016	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1248	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1254	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Aroclor-1260	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Arsenic	0.00000	1.50000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Barium	16.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Chromium	4.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Chrysene	0.07700	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Copper	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Iron	2100.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Lead	0.00000	20.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Manganese	59.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Mercury	0.15999	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Nickel	0.00000	2.20000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Silver	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Zinc	0.00000	0.87999	2.0	3.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Aluminum	3500.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Arsenic	3.50000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Barium	11.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Benzo(a)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Chromium	5.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Chrysene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Copper	0.00000	0.63999	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Iron	12000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Lead	0.00000	50.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Manganese	110.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Mercury	1.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Nickel	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Silver	0.00000	0.63999	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Vanadium	0.00000	9.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Zinc	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Aluminum	4100.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1016	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1248	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1254	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Aroclor-1260	0.00000	0.03500	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Arsenic	0.00000	1.50000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Barium	8.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Benzene	0.00000	0.01000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Benzo(a)anthracene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Benzo(a)pyrene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Chromium	3.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Chrysene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Copper	0.00000	0.63999	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Dibenzo(a,h)anthracene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Iron	2200.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Lead	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Manganese	27.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Mercury	0.15000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	2-Methylnaphthalene	0.00000	0.35000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Nickel	0.00000	2.10000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Silver	0.00000	0.63999	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Tetrachloroethene	0.00000	0.01000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Vanadium	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Zinc	0.00000	0.85000	2.0	3.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Aluminum	3000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1016	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1248	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1254	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1260	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Arsenic	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Barium	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Chromium	3.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Chrysene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Copper	0.00000	0.66000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Iron	2000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Lead	0.00000	30.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Manganese	39.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Mercury	0.00000	0.47999	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	2-Methylnaphthalene	0.18000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Nickel	0.00000	2.20000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Silver	0.00000	0.66000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Vanadium	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Zinc	0.00000	0.87999	0.0	1.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Aluminum	2800.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1016	0.00000	0.03800	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1248	0.00000	0.03800	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1254	0.00000	0.03800	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Aroclor-1260	0.00000	0.03800	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Arsenic	0.00000	1.50000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Barium	6.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Benzo(a)anthracene	0.00000	0.38000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Benzo(a)pyrene	0.00000	0.38000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Chromium	3.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Chrysene	0.00000	0.38000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Copper	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Dibenzo(a,h)anthracene	0.00000	0.38000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Indeno(1,2,3-cd)pyrene	0.00000	0.38000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Iron	2000.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Lead	0.00000	20.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Manganese	12.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Mercury	0.00000	0.10999	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	2-Methylnaphthalene	0.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Nickel	0.00000	2.20000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Silver	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Zinc	0.00000	0.87999	2.0	3.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Aluminum	3100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1016	0.00000	0.04200	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1248	0.00000	0.04200	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1254	0.13000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1260	0.24000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Arsenic	0.00000	1.50000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Barium	9.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Benzene	0.00000	0.01300	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Benzo(a)anthracene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Benzo(a)pyrene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Chromium	3.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Chrysene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Copper	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Dibenzo(a,h)anthracene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Iron	2000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Lead	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Manganese	38.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Mercury	0.00000	0.10999	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	2-Methylnaphthalene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Nickel	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Silver	0.00000	0.63999	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Tetrachloroethene	0.00000	0.01300	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Vanadium	0.00000	9.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Zinc	0.00000	10.00000	0.0	1.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Aluminum	2300.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1016	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1248	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1254	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Aroclor-1260	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Arsenic	0.00000	1.50000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Barium	6.30000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Chromium	2.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Chrysene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Copper	5.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Iron	1700.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Lead	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Manganese	19.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Mercury	0.00000	0.10999	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Nickel	0.00000	2.20000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Silver	0.00000	0.64999	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Zinc	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Aluminum	3200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1016	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1248	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1254	0.06300	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1260	0.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Arsenic	2.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Barium	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Benzo(a)anthracene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Benzo(a)pyrene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Chromium	5.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Chrysene	0.04800	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Copper	16.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Iron	26000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Lead	77.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Manganese	140.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Mercury	0.23999	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	2-Methylnaphthalene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Nickel	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Silver	0.00000	0.66000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Vanadium	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Zinc	0.00000	40.00000	0.0	1.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Aluminum	2500.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1016	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1248	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1254	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Aroclor-1260	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Arsenic	0.00000	1.60000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Barium	6.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Chromium	2.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Chrysene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Copper	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Iron	1800.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Lead	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Manganese	26.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Mercury	0.00000	0.10999	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Nickel	0.00000	2.30000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Silver	0.00000	0.68000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Zinc	0.00000	9.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Aluminum	4400.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1016	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1248	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1254	0.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1260	0.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Arsenic	2.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Barium	17.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Benzo(a)anthracene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Benzo(a)pyrene	0.49000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Chromium	6.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Chrysene	0.06100	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Copper	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Dibenzo(a,h)anthracene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Indeno(1,2,3-cd)pyrene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Iron	4100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Lead	0.00000	60.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Manganese	56.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Mercury	0.85000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	2-Methylnaphthalene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Nickel	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Silver	0.00000	0.68999	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Vanadium	21.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Zinc	0.00000	30.00000	0.0	1.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Aluminum	4700.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Antimony	0.00000	1.10000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1016	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1248	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1254	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Aroclor-1260	0.00000	0.03600	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Arsenic	0.00000	1.50000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Barium	11.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Benzo(a)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Benzo(a)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Chromium	4.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Chrysene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Copper	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Dibenzo(a,h)anthracene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Indeno(1,2,3-cd)pyrene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Iron	2400.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Lead	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Manganese	29.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Mercury	0.00000	0.10999	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	2-Methylnaphthalene	0.00000	0.36000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Nickel	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Silver	0.00000	0.66000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Vanadium	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Zinc	0.00000	9.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Aluminum	7400.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1016	0.00000	0.04200	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1248	0.00000	0.04200	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1254	0.00000	0.08000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1260	0.85000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Arsenic	2.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Barium	41.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Benzene	0.00000	0.01300	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Benzo(a)anthracene	0.15000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Benzo(a)pyrene	0.17000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Chromium	17.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Chrysene	0.22000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Copper	18.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Dibenzo(a,h)anthracene	0.00000	0.42000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Indeno(1,2,3-cd)pyrene	0.12000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Iron	11000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Lead	130.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Manganese	94.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Mercury	2.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	2-Methylnaphthalene	0.11000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Nickel	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Silver	0.00000	0.73000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Tetrachloroethene	0.00000	0.01300	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Vanadium	43.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Zinc	57.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Aluminum	4100.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1016	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1248	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1254	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Aroclor-1260	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Barium	5.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Benzo(a)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Benzo(a)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Chromium	4.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Chrysene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Copper	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Iron	920.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Lead	0.00000	8.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Manganese	6.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	2-Methylnaphthalene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Nickel	0.00000	2.50000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Silver	0.00000	0.74000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Zinc	0.00000	8.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Aluminum	3300.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1016	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1248	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1254	0.12000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1260	0.00000	0.47000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Arsenic	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Barium	17.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Benzo(a)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Benzo(a)pyrene	0.08200	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Chromium	4.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Chrysene	0.14000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Copper	43.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Dibenzo(a,h)anthracene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Indeno(1,2,3-cd)pyrene	0.06900	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Iron	3800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Lead	0.00000	50.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Manganese	57.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Mercury	1.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	2-Methylnaphthalene	0.05000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Nickel	0.00000	7.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Silver	0.00000	0.66000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Vanadium	16.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Zinc	0.00000	30.00000	0.0	1.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Aluminum	4000.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1016	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1248	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1254	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Aroclor-1260	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Barium	12.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Benzo(a)anthracene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Benzo(a)pyrene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Chromium	4.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Chrysene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Copper	34.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Dibenzo(a,h)anthracene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Iron	2900.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Lead	0.00000	20.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Manganese	23.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	2-Methylnaphthalene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Nickel	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Silver	0.00000	0.72000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Vanadium	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Zinc	0.00000	20.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Aluminum	3300.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1016	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1248	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1254	0.11000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1260	1.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Arsenic	0.00000	1.60000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Barium	12.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Benzo(a)anthracene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Benzo(a)pyrene	0.06200	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Chromium	4.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Chrysene	0.07700	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Copper	7.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Dibenzo(a,h)anthracene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Indeno(1,2,3-cd)pyrene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Iron	1800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Lead	0.00000	40.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Manganese	26.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Mercury	1.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	2-Methylnaphthalene	0.00000	0.37000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Nickel	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Silver	0.00000	0.67000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Vanadium	13.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Zinc	0.00000	30.00000	0.0	1.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Aluminum	3800.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Barium	6.70000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Chromium	4.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Copper	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Iron	1500.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Lead	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Manganese	10.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Nickel	0.00000	2.40000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Silver	0.00000	0.72000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Zinc	0.00000	8.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Aluminum	3200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1016	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1248	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1254	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1260	0.00000	0.03700	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Arsenic	0.00000	2.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Barium	27.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Benzo(a)anthracene	0.86000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Benzo(a)pyrene	0.96000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Chromium	5.50000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Chrysene	1.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Copper	18.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Dibenzo(a,h)anthracene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Indeno(1,2,3-cd)pyrene	0.54000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Iron	3600.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Lead	85.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Manganese	54.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Mercury	3.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	2-Methylnaphthalene	0.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Nickel	0.00000	7.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Silver	0.00000	0.68999	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Vanadium	19.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Zinc	43.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Aluminum	2200.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Barium	3.90000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Chromium	2.90000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Copper	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Iron	570.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Lead	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Manganese	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Nickel	0.00000	2.40000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Silver	0.00000	0.73000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Zinc	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Aluminum	2800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1016	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1248	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1254	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1260	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Arsenic	0.00000	1.70000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Barium	4.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Benzo(a)anthracene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Benzo(a)pyrene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Chromium	3.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Chrysene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Copper	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Dibenzo(a,h)anthracene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Iron	630.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Lead	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Manganese	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Mercury	0.00000	0.11999	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	2-Methylnaphthalene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Nickel	0.00000	2.40000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Silver	0.00000	0.72000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Vanadium	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Zinc	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Aluminum	1700.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Barium	12.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Chromium	2.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Chrysene	0.04100	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Copper	9.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Iron	1300.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Lead	31.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Manganese	15.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Mercury	0.76999	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Nickel	0.00000	2.50000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Silver	0.00000	0.75000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Vanadium	0.00000	7.00000	2.0	3.0	0	0	comp				0	ESD
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Zinc	21.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Aluminum	3900.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1016	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1248	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1254	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1260	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Arsenic	0.00000	1.70000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Barium	11.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Benzo(a)anthracene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Benzo(a)pyrene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Chromium	3.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Chrysene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Copper	0.00000	5.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Dibenzo(a,h)anthracene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Iron	1800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Lead	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Manganese	14.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Mercury	0.54000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	2-Methylnaphthalene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Nickel	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Silver	0.00000	0.73000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Vanadium	0.00000	8.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Zinc	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Aluminum	3600.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Barium	6.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Chromium	4.30000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Copper	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Iron	1300.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Lead	4.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Manganese	9.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Nickel	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Silver	0.00000	0.75000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Vanadium	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Zinc	0.00000	10.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Aluminum	3800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Antimony	0.00000	1.30000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1016	0.00000	0.04100	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1248	0.00000	0.04100	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1254	0.00000	0.04100	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1260	0.00000	0.04100	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Arsenic	0.00000	1.80000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Barium	19.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Benzo(a)anthracene	0.00000	0.41000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Benzo(a)pyrene	0.00000	0.41000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Chromium	4.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Chrysene	0.00000	0.41000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Copper	13.00000	0.00000	0.0	1.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Dibenzo(a,h)anthracene	0.00000	0.41000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Iron	2500.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Lead	0.00000	50.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Manganese	33.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Mercury	1.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	2-Methylnaphthalene	0.00000	0.41000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Nickel	0.00000	8.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Silver	0.00000	0.75000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Vanadium	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Zinc	44.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Aluminum	3200.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1016	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1248	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1254	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Aroclor-1260	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Barium	4.70000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Benzo(a)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Benzo(a)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Chromium	3.70000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Chrysene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Copper	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Iron	960.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Lead	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Manganese	7.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	2-Methylnaphthalene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Nickel	0.00000	2.50000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Silver	0.00000	0.74000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Zinc	0.00000	9.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Aluminum	3500.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1016	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1248	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1254	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1260	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Arsenic	3.30000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Barium	65.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Benzo(a)anthracene	0.11000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Benzo(a)pyrene	0.12000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Chromium	7.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Chrysene	0.15000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Copper	19.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Dibenzo(a,h)anthracene	0.05500	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Indeno(1,2,3-cd)pyrene	0.09100	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Iron	4800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Lead	140.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Manganese	110.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Mercury	6.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	2-Methylnaphthalene	0.00000	0.39000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Nickel	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Silver	0.00000	0.72000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Vanadium	14.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLA	12/1/1994	LC-620	soil	862546.06	431308.91	Zinc	180.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Aluminum	3300.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1016	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1248	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1254	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Aroclor-1260	0.00000	0.03900	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Arsenic	0.00000	1.60000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Barium	9.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Benzo(a)anthracene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Benzo(a)pyrene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Chromium	3.20000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Chrysene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Copper	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Dibenzo(a,h)anthracene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Iron	900.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Lead	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Manganese	9.90000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	2-Methylnaphthalene	0.00000	0.39000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Nickel	0.00000	2.40000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Silver	0.00000	0.70999	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431308.91	Zinc	0.00000	30.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Aluminum	1300.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Antimony	0.00000	2.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1016	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1248	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1254	0.00000	0.04000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1260	1.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Arsenic	0.00000	1.70000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Barium	27.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Benzo(a)anthracene	0.23000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Benzo(a)pyrene	0.24000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Chromium	7.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Chrysene	0.27000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Copper	20.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Dibenzo(a,h)anthracene	0.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Indeno(1,2,3-cd)pyrene	0.20000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Iron	3700.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Lead	86.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Manganese	44.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Mercury	3.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	2-Methylnaphthalene	0.00000	0.40000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Nickel	0.00000	5.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Silver	0.00000	0.73000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Vanadium	0.00000	9.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLA	12/1/1994	LC-621	soil	862323.06	431375.94	Zinc	230.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Aluminum	2000.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Barium	4.70000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Chromium	2.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Copper	6.90000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Iron	650.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Lead	0.00000	7.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Manganese	4.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Mercury	0.37000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Nickel	0.00000	2.40000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Silver	0.00000	0.73000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Zinc	0.00000	20.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Aluminum	2800.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Antimony	0.00000	1.20000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1016	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1248	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1254	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1260	0.00000	0.03900	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Arsenic	0.00000	1.70000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Barium	72.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Benzo(a)anthracene	0.38000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Benzo(a)pyrene	0.42000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Chromium	5.50000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Chrysene	0.60000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Copper	28.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Dibenzo(a,h)anthracene	0.26000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Indeno(1,2,3-cd)pyrene	0.25000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Iron	3100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Lead	130.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Manganese	77.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Mercury	13.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	2-Methylnaphthalene	0.06400	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Nickel	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Silver	0.00000	0.72000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Vanadium	0.00000	10.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLA	12/1/1994	LC-622	soil	862296.06	431111.94	Zinc	150.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Aluminum	2900.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Barium	6.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Chromium	2.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Copper	0.00000	7.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Iron	860.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Lead	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Manganese	4.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Nickel	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Silver	0.00000	0.74000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Vanadium	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Zinc	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Aluminum	2500.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Arsenic	2.50000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Barium	22.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Benzo(a)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Chromium	4.40000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Chrysene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Copper	24.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Iron	9300.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Lead	1100.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Manganese	39.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Mercury	3.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	2-Methylnaphthalene	0.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Nickel	0.00000	5.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Silver	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Vanadium	0.00000	9.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Zinc	65.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Aluminum	3200.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Barium	9.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Chromium	3.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Copper	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Iron	1300.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Lead	66.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Manganese	7.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Mercury	0.33000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Nickel	0.00000	2.50000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Silver	0.00000	0.74000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Zinc	0.00000	20.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Aluminum	3000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Arsenic	0.00000	2.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Barium	13.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Benzo(a)pyrene	0.00000	0.36000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Chromium	3.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Chrysene	0.12000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Copper	7.70000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Iron	3000.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Lead	320.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Manganese	23.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Mercury	0.63999	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	2-Methylnaphthalene	0.08900	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Nickel	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Silver	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Vanadium	0.00000	8.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Zinc	50.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Aluminum	2100.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1016	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1248	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1254	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Aroclor-1260	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Barium	4.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Benzo(a)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Benzo(a)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Chromium	2.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Chrysene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Copper	0.00000	1.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Iron	635.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Lead	0.00000	7.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Manganese	3.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	2-Methylnaphthalene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Nickel	0.00000	2.50000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Silver	0.00000	0.74000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Vanadium	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Zinc	0.00000	0.98000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Aluminum	1600.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Antimony	1.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1016	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1248	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1254	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1260	0.00000	0.03600	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Arsenic	0.00000	1.50000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Barium	3.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Chromium	1.80000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Copper	0.00000	4.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Iron	830.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Lead	0.00000	8.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Manganese	30.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Mercury	0.86000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Nickel	0.00000	2.20000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Silver	0.00000	0.64999	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Vanadium	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLA	11/30/1994	LC-637	soil	861223.06	430712.94	Zinc	0.00000	6.00000	0.0	1.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Aluminum	1500.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Antimony	0.00000	1.30000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1016	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1248	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1254	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Aroclor-1260	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Arsenic	0.00000	1.80000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Barium	6.10000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Benzo(a)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Benzo(a)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Chromium	1.80000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Chrysene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Copper	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Iron	530.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Lead	0.00000	5.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Manganese	12.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Mercury	0.23999	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	2-Methylnaphthalene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Nickel	0.00000	2.60000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Silver	0.00000	0.76999	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Vanadium	0.00000	2.00000	2.0	3.0	0	0	comp				0	ESD
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Zinc	0.00000	9.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Aluminum	1700.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Antimony	0.00000	1.10000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1016	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1248	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1254	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1260	0.00000	0.03500	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Arsenic	0.00000	1.50000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Barium	5.90000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Benzene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Benzo(a)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Benzo(a)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Chromium	2.50000	0.00000	0.0	1.0	0	0	comp				0	ESD

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Chrysene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Copper	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Dibenzo(a,h)anthracene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Indeno(1,2,3-cd)pyrene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Iron	1200.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Lead	0.00000	20.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Manganese	21.00000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Mercury	0.00000	0.10999	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	2-Methylnaphthalene	0.00000	0.35000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Nickel	0.00000	2.10000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Silver	0.00000	0.63999	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Tetrachloroethene	0.00000	0.01100	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Vanadium	0.00000	3.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Zinc	0.00000	7.00000	0.0	1.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Aluminum	1900.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Antimony	0.00000	1.30000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1016	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1248	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1254	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Aroclor-1260	0.00000	0.04100	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Arsenic	0.00000	1.80000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Barium	5.50000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Benzo(a)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Benzo(a)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Chromium	2.40000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Chrysene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Copper	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Dibenzo(a,h)anthracene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Indeno(1,2,3-cd)pyrene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Iron	1400.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Lead	0.00000	7.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Manganese	16.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Mercury	0.00000	0.12999	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	2-Methylnaphthalene	0.00000	0.41000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Nickel	0.00000	2.60000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Silver	0.00000	0.77999	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Vanadium	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Zinc	0.00000	9.00000	2.0	3.0	0	0	comp				0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Aluminum	4300.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Antimony	2.50000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1016	0.00000	0.38000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1248	0.00000	0.38000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1254	6.90000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1260	160.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Arsenic	0.00000	1.60000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Barium	35.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Benzo(a)anthracene	0.23000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Benzo(a)pyrene	0.29000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Chromium	11.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Chrysene	0.38000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Copper	14.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Dibenzo(a,h)anthracene	0.10000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Indeno(1,2,3-cd)pyrene	0.10000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Iron	4100.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Lead	75.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Manganese	31.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Mercury	82.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	2-Methylnaphthalene	0.33000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Nickel	0.00000	7.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Silver	0.00000	0.69999	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Tetrachloroethene	0.00400	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Vanadium	12.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLA	11/30/1994	LC-639	soil	861643.06	431158.94	Zinc	55.00000	0.00000	0.0	1.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Aluminum	4800.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Antimony	3.40000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1016	0.00000	0.37000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1248	0.00000	0.37000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1254	9.20000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Aroclor-1260	120.00001	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Barium	41.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Benzene	0.00000	0.01100	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Benzo(a)anthracene	0.12000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Benzo(a)pyrene	0.15000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Chromium	18.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Chrysene	0.19000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Copper	17.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Dibenzo(a,h)anthracene	0.00000	0.37000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Indeno(1,2,3-cd)pyrene	0.11000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Iron	7000.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Lead	75.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Manganese	39.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Mercury	34.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	2-Methylnaphthalene	0.20000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Nickel	0.00000	6.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Silver	0.00000	0.70999	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Tetrachloroethene	0.00000	0.01100	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Vanadium	0.00000	20.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Zinc	170.00000	0.00000	2.0	3.0	0	0	comp	5 point composite			0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Aluminum	8800.00000	0.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Antimony	0.00000	66.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1016	0.00000	1.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1248	0.00000	1.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1254	0.00000	1.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Aroclor-1260	0.00000	1.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Arsenic	0.00000	66.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Barium	720.00000	0.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Chromium	0.00000	22.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Copper	0.00000	22.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Iron	4500.00000	0.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Lead	43.00000	0.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Manganese	80.00000	0.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Mercury	0.00000	0.21999	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Nickel	0.00000	44.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Silver	0.00000	22.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Titanium	410.00000	0.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Vanadium	0.00000	22.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-642-WAB	11/29/1994	LC-642	soil	861791.13	433226.94	Zinc	0.00000	22.00000	2.0	3.0	0	0	comp	salt mud in tank (probably bleach mud)		MUD	0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1016	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1248	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1254	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1260	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1268	0.00000	0.03800	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Benzene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Benzo(a)anthracene	0.07100	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Benzo(a)pyrene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Chrysene	0.10000	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Dibenzo(a,h)anthracene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Indeno(1,2,3-cd)pyrene	0.00000	0.38000	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	2-Methylnaphthalene	0.05500	0.00000	0.0	1.0	0	0	comp				0	ESD
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Tetrachloroethene	0.00000	0.01200	0.0	1.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aluminum	3200.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Antimony	0.00000	1.20000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1016	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1248	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1254	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1260	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1268	0.00000	0.04000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Arsenic	0.00000	1.70000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Barium	5.60000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Benzene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Benzo(a)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Benzo(a)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Chromium	3.90000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Chrysene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Copper	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Dibenzo(a,h)anthracene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Indeno(1,2,3-cd)pyrene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Iron	920.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Lead	0.00000	3.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Manganese	4.00000	0.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Mercury	0.00000	0.11999	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	2-Methylnaphthalene	0.00000	0.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Nickel	0.00000	2.40000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Silver	0.00000	0.73000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Tetrachloroethene	0.00000	0.01200	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Vanadium	0.00000	4.00000	2.0	3.0	0	0	comp				0	ESD
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Zinc	0.00000	6.00000	2.0	3.0	0	0	comp				0	ESD
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Aroclor-1016	0.42000	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Aroclor-1248	0.00000	0.04300	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Aroclor-1254	0.13000	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Aroclor-1260	0.00000	0.04300	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Aroclor-1268	0.00000	0.04300	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Arsenic	0.00000	0.25999	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Barium	13.10000	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Benzene	0.00000	1.30000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Benzo(a)anthracene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Benzo(a)pyrene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Benzo(b)fluoranthene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Benzo(k)fluoranthene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Chromium	1.40000	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Chrysene	0.06100	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Dibenzo(a,h)anthracene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Indeno(1,2,3-cd)pyrene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Lead	28.30000	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Mercury	10.00000	0.00000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	2-Methylnaphthalene	0.00000	0.42000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Silver	0.00000	0.49000	4.0	5.0	0	0	grab				0	Col
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Tetrachloroethene	0.00000	1.30000	4.0	5.0	0	0	grab				0	Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Aroclor-1016	0.00000	0.04100	4.0	5.0	0	0	grab				0	Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Aroclor-1248	0.00000	0.04100	4.0	5.0	0	0	grab				0	Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Aroclor-1254	0.00000	0.04100	4.0	5.0	0	0	grab				0	Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Aroclor-1260	0.00000	0.04100	4.0	5.0	0	0	grab				0	Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Aroclor-1268	0.00000	0.04100	4.0	5.0	0	0	grab				0	Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Arsenic	0.00000	0.25000	4.0	5.0	0	0	grab				0	Col

Table 1. Data Table for New OU3 HHBRA

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Barium	9.80000	0.00000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Benzene	0.00000	0.01200	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Benzo(a)anthracene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Benzo(a)pyrene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Benzo(b)fluoranthene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Benzo(k)fluoranthene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Chromium	1.40000	0.00000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Chrysene	0.03100	0.00000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Dibenzo(a,h)anthracene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Indeno(1,2,3-cd)pyrene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Lead	15.30000	0.00000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Mercury	0.77999	0.00000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	2-Methylnaphthalene	0.00000	0.39000	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Silver	0.00000	0.46999	4.0	5.0	0	0	grab			0		Col
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Tetrachloroethene	0.00000	0.01200	4.0	5.0	0	0	grab			0		Col

Table 2. Summary of Non Detects for Aroclor 1268 in Surface/Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	AREA	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96213-16	7/31/1996	96213-16	soil	862346.13	432761.91	Aroclor-1268	0.000	418.000	0.00	0.10	0	0	comp	5-pt composite surface samples from roads at north side of site				0	QAL	omit on basis of elevated DL
96242-07	8/29/1996	96242-07	soil	862045.13	433535.94	Aroclor-1268	0.000	3.560	0.00	1.00	0	0	grab	brown sand, grey flakes		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96242-08	8/29/1996	96242-08	soil	862024.13	433478.94	Aroclor-1268	0.000	3.550	0.00	1.00	0	0	grab	brown sand, organic debris		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98071-BMA-09	3/12/1998	98071-BMA-09	soil	861852.06	431091.94	Aroclor-1268	0.000	3.360	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-07	7/25/1996	96207-07	soil	861691.13	432698.94	Aroclor-1268	0.000	3.160	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861933.69	433322.19	Aroclor-1268	0.000	3.160	3.00	4.00	1	0	comp	post excavation 4-pt bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96284-09	10/10/1996	96284-09	soil	862217.13	432692.94	Aroclor-1268	0.000	3.160	0.00	1.00	0	0	grab	brown wet sand with organic material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Aroclor-1268	0.000	2.840	0.00	2.50	2	0	comp	post excavation E sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-28	10/3/1996	96277-28	soil	862215.13	432720.94	Aroclor-1268	0.000	2.830	0.00	1.00	0	0	grab	brn loamy sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Aroclor-1268	0.000	2.780	2.00	3.00	0	0	grab	characterization east side boiler house		NCA	EBH	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-27	10/3/1996	96277-27	soil	862299.13	432820.63	Aroclor-1268	0.000	2.780	0.00	1.00	0	0	grab	brn sand organic material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-01	9/24/1996	MH-N24	soil	861597.13	432362.94	Aroclor-1268	0.000	2.770	2.00	3.00	0	0	grab	MH-N24, tan to dk brown sand				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Aroclor-1268	0.000	2.760	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96284-03	10/10/1996	96284-03	soil	862282.13	432865.91	Aroclor-1268	0.000	2.750	0.00	0.50	0	0	grab	brown wet sand, organic debris		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Aroclor-1268	0.000	2.740	3.00	5.00	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Aroclor-1268	0.000	2.720	2.50	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Aroclor-1268	0.000	2.710	3.00	4.00	1	0	comp	post excavation 4-pt bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Aroclor-1268	0.000	2.710	0.00	5.00	1	0	grab	post ex: dark gray to black sand below 12-in water pipe		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-NREA-13	11/20/1996	96325-NREA-13	soil	861872.13	432579.94	Aroclor-1268	0.000	2.700	4.00	4.00	1	0	comp	post excavation 2-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Aroclor-1268	0.000	2.700	3.00	4.00	1	0	comp	post excavation 5-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96242-09	8/29/1996	96242-09	soil	862015.13	433461.94	Aroclor-1268	0.000	2.700	0.00	1.00	0	0	grab	brown sand, petroleum odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Aroclor-1268	0.000	2.700	2.00	3.00	0	0	grab	tan sand with rust stains, moist		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Aroclor-1268	0.000	2.690	2.00	3.00	0	0	grab	wet tan sand, oil stained with a petroleum odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Aroclor-1268	0.000	2.690	3.00	4.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Aroclor-1268	0.000	2.680	3.00	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Aroclor-1268	0.000	2.670	2.00	3.00	0	0	grab	tan sand with trace amount of dark sand, wet		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98071-BMA-10	3/12/1998	98071-BMA-10	soil	861842.06	431047.94	Aroclor-1268	0.000	2.670	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433051.94	Aroclor-1268	0.000	2.670	3.00	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Aroclor-1268	0.000	2.670	2.00	3.00	0	0	grab	characterization east of cell buildings		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Aroclor-1268	0.000	2.650	3.00	5.00	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96317-SRY-39	11/12/1996	96317-SRY-39	soil	861880.13	432218.94	Aroclor-1268	0.000	2.650	1.25	2.00	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Aroclor-1268	0.000	2.650	0.00	3.00	2	0	comp	post excavation 3-pt south sidewall		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Aroclor-1268	0.000	2.650	2.50	3.00	1	0	comp	post excavation bottom 5-pt, brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Aroclor-1268	0.000	2.650	3.00	4.00	1	0	comp	post excavation 5-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Aroclor-1268	0.000	2.650	2.00	3.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Aroclor-1268	0.000	2.650	2.00	3.00	0	0	grab	light grey, wet sand		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Aroclor-1268	0.000	2.640	4.00	5.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Aroclor-1268	0.000	2.640	4.50	5.50	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Aroclor-1268	0.000	2.640	2.00	3.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Aroclor-1268	0.000	2.640	2.00	3.00	0	0	comp/grab	brown wet sand		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Aroclor-1268	0.000	2.630	3.50	4.00	1	0	comp	post excavation 4-pt bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Aroclor-1268	0.000	2.630	4.00	4.50	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Aroclor-1268	0.000	2.620	2.00	3.00	0	0	grab	tan wet sand, dark stains and hydrocarbon odor		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Aroclor-1268	0.000	2.620	1.50	2.00	1	0	comp	post excavation 4-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Aroclor-1268	0.000	2.620	0.00	4.50	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Aroclor-1268	0.000	2.620	2.00	3.00	0	0	grab	light brown sand with rust colored material, moist		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Aroclor-1268	0.000	2.620	2.50	3.50	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Aroclor-1268	0.000	2.620	2.00	3.00	0	0	grab	characterization south side boiler house		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Aroclor-1268	0.000	2.610	4.00	4.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Aroclor-1268	0.000	2.610	2.00	3.00	0	0	grab	grey heavily stained sand, very strong petroleum odor		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Aroclor-1268	0.000	2.610	1.50	2.50	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Aroclor-1268	0.000	2.610	2.00	3.00	0	0	grab	tan/orange wet sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Aroclor-1268	0.000	2.600	4.00	5.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97104-BM4-09	4/14/1997	97104-BM4-09	soil	861438.88	431485.34	Aroclor-1268	0.000	2.600	3.00	3.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Aroclor-1268	0.000	2.600	2.00	3.00	0	0	grab	tan wet sand		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96305-CSA-03	10/31/1996	96305-CSA-03	soil	861827.06	431918.94	Aroclor-1268	0.000	2.600	3.50	4.50	1	0	comp	post excavation 2-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Aroclor-1268	0.000	2.600	1.50	2.00	1	0	comp	post excavation 3-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96249-19	9/5/1996	96249-19	soil	861950.13	432700.94	Aroclor-1268	0.000	2.600	2.00	3.00	0	0	grab	tan wet sand		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Aroclor-1268	0.000	2.600	2.00	3.00	0	0	grab	characterization south side boiler house		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Aroclor-1268	0.000	2.600	2.00	3.00	0	0	grab	tan sand with black stains, wet		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Aroclor-1268	0.000	2.600	3.50	4.00	1	0	comp	post excavation 2-pt bottom, E boiler house		NCA	EBH	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96233-06	8/20/1996	96233-06	soil	861558.13	432508.94	Aroclor-1268	0.000	2.590	2.00	3.00	0	0	comp	wet brown sand 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-02	9/17/1996	96261-02	soil	861788.06	431612.94	Aroclor-1268	0.000	2.590	2.00	3.00	0	0	grab	dark brown wet sand		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Aroclor-1268	0.000	2.590	0.00	3.50	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Aroclor-1268	0.000	2.590	4.50	5.00	1	0	comp	post excavation 5-pt bottom		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Aroclor-1268	0.000	2.590	3.00	3.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Aroclor-1268	0.000	2.590	2.50	3.00	1	0	comp	post excavation 4-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Aroclor-1268	0.000	2.590	3.00	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Aroclor-1268	0.000	2.590	3.00	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Aroclor-1268	0.000	2.590	2.00	3.00	0	0	comp/grab	brown and gray wet sand		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Aroclor-1268	0.000	2.580	0.00	3.50	2	0	comp	post excavaion south sidewall 3-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Aroclor-1268	0.000	2.580	3.50	4.00	1	0	comp	post excavation 4-pt bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Aroclor-1268	0.000	2.580	2.00	2.00	1	0	comp	post excavation bottom 5-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Aroclor-1268	0.000	2.570	3.00	4.00	0	0	grab	wet gray sand, hydrocarbon odor		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96275-sry-10	10/1/1996	96275-SRY-10	soil	861875.44	432016.84	Aroclor-1268	0.000	2.570	2.50	3.00	1	0	comp	post ex bottom 4 pt.		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Aroclor-1268	0.000	2.570	2.00	3.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Aroclor-1268	0.000	2.570	3.50	4.00	1	0	comp	post excavation bottom 3-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-06	7/25/1996	96207-06	soil	861691.13	432648.94	Aroclor-1268	0.000	2.560	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Aroclor-1268	0.000	2.560	4.50	5.00	1	0	comp	post excavation 5-pt bottom		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96249-14	9/5/1996	96249-14	soil	861873.13	432204.94	Aroclor-1268	0.000	2.560	2.00	3.00	0	0	grab	tan, wet fine sand		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Aroclor-1268	0.000	2.560	2.00	4.00	1	0	comp	post excavation north half bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Aroclor-1268	0.000	2.560	2.00	2.50	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Aroclor-1268	0.000	2.560	3.50	3.50	1	0	comp	post excavation 5-pt bottom		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Aroclor-1268	0.000	2.560	3.50	4.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-07	10/3/1996	96277-07	soil	862145.63	432578.75	Aroclor-1268	0.000	2.560	1.00	2.00	0	0	grab	brown wet sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96233-02	8/20/1996	96233-02	soil	861536.13	432370.94	Aroclor-1268	0.000	2.550	2.00	3.00	0	0	comp	wet brown sand 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Aroclor-1268	0.000	2.550	2.00	3.00	0	0	comp	5-pt composite samples		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Aroclor-1268	0.000	2.550	2.00	3.00	1	0	comp	post excavation bottom 5-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96295-SRY-16	10/21/1996	96295-SRY-16	soil	861777.94	431749.75	Aroclor-1268	0.000	2.550	4.00	5.00	1	0	comp	post excavation 2-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-sry-04	9/24/1996	96268-SRY-04	soil	861881.06	432052.94	Aroclor-1268	0.000	2.550	1.50	2.00	1	0	comp	post excavation sample bottom 4-pt		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Aroclor-1268	0.000	2.540	4.50	5.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97105-BM4-10	4/15/1997	97105-BM4-10	soil	861478.50	431512.03	Aroclor-1268	0.000	2.540	4.50	5.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Aroclor-1268	0.000	2.540	2.00	3.00	0	0	comp	5-pt composite samples		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Aroclor-1268	0.000	2.540	2.00	3.00	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-11	9/17/1996	96261-11	soil	861888.06	432091.94	Aroclor-1268	0.000	2.540	2.00	3.00	0	0	grab	tan wet sand with some black stains		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-26	10/3/1996	96277-26	soil	862279.13	432835.63	Aroclor-1268	0.000	2.540	0.00	1.00	0	0	grab	brn loamy sand white crumbly mat.		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Aroclor-1268	0.000	2.530	1.00	1.00	2	0	comp	post excavation 3-pt south sidewall		CPS		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Aroclor-1268	0.000	2.530	2.00	3.00	0	0	comp	5-pt composite samples		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-02	7/25/1996	96207-02	soil	861741.13	432748.94	Aroclor-1268	0.000	2.530	1.00	2.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Aroclor-1268	0.000	2.530	2.00	2.50	1	0	comp	post excavation bottom 5-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Aroclor-1268	0.000	2.530	4.50	6.00	1	0	comp	post excavation bottom 4-pt		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96249-12	9/5/1996	96249-12	soil	861858.06	432111.94	Aroclor-1268	0.000	2.530	2.00	3.00	0	0	grab	brown sand, wet		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-NRA-74	8/26/1996	96239-NRA-74	soil	861999.56	433484.09	Aroclor-1268	0.000	2.530	2.50	3.50	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96312-11	11/7/1996	96312-11	soil	862164.13	433235.94	Aroclor-1268	0.000	2.530	1.00	2.00	0	0	grab	brown sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Aroclor-1268	0.000	2.530	1.50	2.00	1	0	comp	post excavation 5-pt bottom		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96296-12	10/22/1996	96296-12	soil	862223.13	433337.91	Aroclor-1268	0.000	2.530	2.00	3.00	0	0	grab	delineation sample		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Aroclor-1268	0.000	2.520	2.00	3.00	0	0	comp/grab	brown sand, pine wood bark		SDK		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-NWF-06	9/16/1996	96260-NWF-06	soil	861637.50	432349.16	Aroclor-1268	0.000	2.520	0.50	0.75	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-08	9/24/1996	96268-08	soil	861802.13	432353.94	Aroclor-1268	0.000	2.520	1.00	2.00	0	0	grab	tan sand stained		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Aroclor-1268	0.000	2.520	2.00	3.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]

Table 2. Summary of Non Detects for Aroclor 1268 in Surface/Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	AREA	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Aroclor-1268	0.000	2.520	2.00	3.00	0	0	grab	tan sand stained with dark stains, moist		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Aroclor-1268	0.000	2.510	4.00	4.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98071-BMA-11	3/12/1998	98071-BMA-11	soil	861836.06	431003.94	Aroclor-1268	0.000	2.510	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Aroclor-1268	0.000	2.510	3.50	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Aroclor-1268	0.000	2.510	2.00	3.00	0	0	grab	characterization east side boiler house		NCA	EBH	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96284-01	10/10/1996	96284-01	soil	862316.13	432822.91	Aroclor-1268	0.000	2.510	0.00	1.00	0	0	grab	brown to black sand, small stones, granular metal fragments		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Aroclor-1268	0.000	2.500	4.00	5.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-NWF-15	9/18/1996	96262-NWF-15	soil	861535.06	432376.28	Aroclor-1268	0.000	2.500	0.50	0.75	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Aroclor-1268	0.000	2.500	1.50	3.00	1	0	comp	post excavation bottom 5-pt		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Aroclor-1268	0.000	2.500	3.00	3.00	1	0	comp	post excavation 5-pt bottom		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Aroclor-1268	0.000	2.500	2.00	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Aroclor-1268	0.000	2.500	2.00	3.00	0	0	comp/grab	light brown sand, one point stained black		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Aroclor-1268	0.000	2.500	2.00	3.00	0	0	comp/grab	brown and gray wet sand		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Aroclor-1268	0.000	2.490	4.00	5.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Aroclor-1268	0.000	2.490	4.00	4.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96298-SRY-23	10/24/1996	96298-SRY-23	soil	861815.06	431870.63	Aroclor-1268	0.000	2.490	2.00	2.00	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98071-BMA-08	3/12/1998	98071-BMA-08	soil	861859.06	431131.94	Aroclor-1268	0.000	2.490	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Aroclor-1268	0.000	2.490	3.00	4.00	1	0	comp	post excavation east half bottom 4-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Aroclor-1268	0.000	2.490	2.00	3.00	0	0	grab	characterization NE corner locker room		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Aroclor-1268	0.000	2.480	0.00	3.50	2	0	comp	post excavation 3-pt W sidewall		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Aroclor-1268	0.000	2.480	2.00	3.00	0	0	grab	brown wet sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Aroclor-1268	0.000	2.480	3.50	4.50	1	0	comp	post excvation bottom 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Aroclor-1268	0.000	2.480	3.00	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Aroclor-1268	0.000	2.480	2.00	3.00	0	0	grab	tan moist sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96319-NCA-04	11/14/1996	96319-NCA-04	soil	862215.88	433093.59	Aroclor-1268	0.000	2.480	0.00	1.50	2	0	comp	post excavation 3-pt south sidewall		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Aroclor-1268	0.000	2.480	2.00	3.00	0	0	grab	characterization east of cell buildings		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Aroclor-1268	0.000	2.470	0.00	1.00	2	0	comp	post excavation west sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Aroclor-1268	0.000	2.470	3.00	5.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96233-04	8/20/1996	96233-04	soil	861543.13	432431.94	Aroclor-1268	0.000	2.470	2.00	3.00	0	0	comp	wet brown sand 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Aroclor-1268	0.000	2.470	3.00	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Aroclor-1268	0.000	2.470	2.50	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97086-11	3/27/1997	97086-11	soil	862250.31	432305.03	Aroclor-1268	0.000	2.470	0.00	3.50	2	0	comp	post excavation 3-pt S sidewall		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Aroclor-1268	0.000	2.470	1.00	2.00	1	0	comp	post excavation bottom 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-nry-02	9/24/1996	96268-NRY-02	soil	861985.00	432833.25	Aroclor-1268	0.000	2.460	1.25	2.25	1	0	comp	post excavation sample bottom 5-pt		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96274-nry-08	9/30/1996	96274-NRY-08	soil	861991.13	432948.91	Aroclor-1268	0.000	2.460	3.50	3.50	1	0	comp	post ex bottom 5 pt.		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Aroclor-1268	0.000	2.460	2.00	3.00	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Aroclor-1268	0.000	2.450	2.00	3.00	0	0	grab	brown moist sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Aroclor-1268	0.000	2.450	0.00	3.50	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Aroclor-1268	0.000	2.450	3.00	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Aroclor-1268	0.000	2.450	3.00	3.00	1	0	comp	post excavation bottom 3-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Aroclor-1268	0.000	2.450	0.00	1.00	0	0	comp/grab	phase II upland soil sample		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Aroclor-1268	0.000	2.450	2.00	3.00	0	0	grab	brown sand		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Aroclor-1268	0.000	2.440	1.00	1.25	1	0	comp	post excaation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Aroclor-1268	0.000	2.440	2.00	3.00	0	0	grab	grey to dark brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Aroclor-1268	0.000	2.440	3.50	3.50	2	0	grab	post excavation W sidewall		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Aroclor-1268	0.000	2.440	3.00	4.00	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Aroclor-1268	0.000	2.440	1.00	1.50	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Aroclor-1268	0.000	2.440	3.50	3.50	1	0	comp	post excavation 2-pt bottom		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96284-08	10/10/1996	96284-08	soil	862172.13	432806.94	Aroclor-1268	0.000	2.440	0.00	1.00	0	0	grab	brown sand with organic material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96296-09	10/22/1996	96296-09	soil	862220.13	433288.91	Aroclor-1268	0.000	2.440	2.00	3.00	0	0	grab	delineation sample		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Aroclor-1268	0.000	2.440	2.00	3.00	0	0	grab	tan moist sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97016-SRA-53	1/16/1997	97016-SRA-53	soil	861096.25	430906.75	Aroclor-1268	0.000	2.430	2.00	3.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Aroclor-1268	0.000	2.430	0.00	4.50	2	0	comp	post excavation W sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97114-BM4-38	4/24/1997	97114-BM4-38	soil	861385.50	431609.94	Aroclor-1268	0.000	2.430	4.00	4.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Aroclor-1268	0.000	2.430	2.00	3.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Aroclor-1268	0.000	2.430	4.00	5.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Aroclor-1268	0.000	2.430	0.00	4.00	2	0	comp	post excavation 3-pt S sidewall		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Aroclor-1268	0.000	2.430	1.00	2.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Aroclor-1268	0.000	2.430	2.00	4.00	1	0	comp	post excvation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97045-RBT-02	2/14/1997	97045-RBT-02	soil	862681.13	432413.91	Aroclor-1268	0.000	2.430	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Aroclor-1268	0.000	2.430	2.00	3.00	0	0	grab	brown sand		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Aroclor-1268	0.000	2.420	2.00	3.00	0	0	grab	tan moist sand		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-01	7/25/1996	96207-01	soil	861741.13	432748.94	Aroclor-1268	0.000	2.420	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Aroclor-1268	0.000	2.420	2.50	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Aroclor-1268	0.000	2.420	2.00	3.00	0	0	grab	brown wet sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Aroclor-1268	0.000	2.420	2.50	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Aroclor-1268	0.000	2.420	2.00	3.00	0	0	grab	brown sand, trace grey sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Aroclor-1268	0.000	2.420	2.00	3.00	0	0	grab	brown to tan sand, trace dark brown moist sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Aroclor-1268	0.000	2.410	3.00	4.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Aroclor-1268	0.000	2.410	2.00	4.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Aroclor-1268	0.000	2.410	2.00	3.00	0	0	grab	tan, moist sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Aroclor-1268	0.000	2.410	1.00	2.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96317-NREA-09	11/12/1996	96317-NREA-09	soil	861861.13	432611.94	Aroclor-1268	0.000	2.410	1.50	1.75	1	0	comp	post excavation 4-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96289-SRY-14	10/15/1996	96289-SRY-14	soil	861864.00	431927.19	Aroclor-1268	0.000	2.410	2.25	3.25	1	0	comp	post excavation (bottom), 4-pt composite		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Aroclor-1268	0.000	2.410	1.50	2.00	1	0	comp	post excavation 5-pt bottom		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Aroclor-1268	0.000	2.410	3.00	5.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Aroclor-1268	0.000	2.410	4.50	4.50	1	0	comp	post excavation bottom 2-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Aroclor-1268	0.000	2.410	2.00	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-10	10/3/1996	96277-10	soil	862156.31	432672.56	Aroclor-1268	0.000	2.410	1.00	2.00	0	0	grab	brown wet sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Aroclor-1268	0.000	2.410	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Aroclor-1268	0.000	2.400	1.00	1.00	1	0	comp	post excaation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Aroclor-1268	0.000	2.400	0.00	6.00	2	0	comp	post excavation 3-pt W sidewall		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Aroclor-1268	0.000	2.400	0.00	1.00	2	0	comp	post excavation 3-pt east sidewall		CPS		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Aroclor-1268	0.000	2.400	2.00	3.00	0	0	comp	5-pt composite samples		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96207-04	7/25/1996	96207-04	soil	861741.13	432675.94	Aroclor-1268	0.000	2.400	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-CSA-02	9/18/1996	96262-CSA-02	soil	861791.06	431957.94	Aroclor-1268	0.000	2.400	0.50	0.75	1	0	comp	post excavation, 5-pt composite, grey/brown sand, bottom		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Aroclor-1268	0.000	2.400	1.70	1.70	1	0	comp	post excavation 5-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-SRY-26	10/28/1996	96302-SRY-26	soil	861845.06	431787.94	Aroclor-1268	0.000	2.400	2.00	2.75	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-NRY-01	9/19/1996	96263-NRY-01	soil	861975.13	432772.94	Aroclor-1268	0.000	2.400	1.00	2.00	1	0	comp	post excavation, 5-pt composite, bottom		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Aroclor-1268	0.000	2.400	1.50	5.00	1	0	comp	post excavation 2-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Aroclor-1268	0.000	2.400	0.00	1.00	0	0	grab	characterization south side boiler house		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Aroclor-1268	0.000	2.400	2.00	3.00	0	0	grab	tan to brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Aroclor-1268	0.000	2.400	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Aroclor-1268	0.000	2.400	2.00	3.00	0	0	grab	characterization east of cell buildings		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Aroclor-1268	0.000	2.400	2.00	3.00	0	0	grab	tan/orange sand with rust stains		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Aroclor-1268	0.000	2.400	2.00	3.00	0	0	comp/grab	brown moist sand		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Aroclor-1268	0.000	2.390	2.00	3.00	0	0	comp/grab	brown sand, pine wood bark		SDK		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Aroclor-1268	0.000	2.390	0.00	1.00	2	0	comp	post excavation west sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Aroclor-1268	0.000	2.390	3.00	3.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Aroclor-1268	0.000	2.390	2.00	3.00	0	0	comp	5-pt composite samples		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Aroclor-1268	0.000	2.390	0.00	1.00	0	0	grab	tan sand with traces of rust material		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Aroclor-1268	0.000	2.390	0.00	2.50	2	0	comp	post excavation W sidewall 3-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-04	9/24/1996	96268-04	soil	861891.13	432400.94	Aroclor-1268	0.000	2.390	1.00	2.00	0	0	grab	brown sand trace gray staining		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96312-12	11/7/1996	96312-12	soil	862080.13	433247.94	Aroclor-1268	0.000	2.390	0.00	1.00	0	0	grab	brown sand with black hard material		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-09	10/3/1996	96277-09	soil	862156.31	432672.56	Aroclor-1268	0.000	2.390	0.00	1.00	0	0	grab	dirt pile, brn sand organic mat., clinker		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Aroclor-1268	0.000	2.390	3.00	3.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Aroclor-1268	0.000	2.390	0.00	1.00	0	0	comp/grab	brown & gray loamy sand		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97099-SRA-126	4/9/1997	97099-SRA-126	soil	861193.56	431330.75	Aroclor-1268	0.000	2.380	2.00	3.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Aroclor-1268	0.000	2.380	3.50	4.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Aroclor-1268	0.000	2.380	4.50	5.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]

Table 2. Summary of Non Detects for Aroclor 1268 in Surface/Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	AREA	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96207-09	7/25/1996	96207-09	soil	861691.13	432748.94	Aroclor-1268	0.000	2.380	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Aroclor-1268	0.000	2.380	2.50	3.00	1	0	comp	post excavation bottom 5-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96290-SRY-15	10/16/1996	96290-SRY-15	soil	861858.06	431880.94	Aroclor-1268	0.000	2.380	1.50	2.00	1	0	comp	post excavation (bottom), 5-pt composite		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Aroclor-1268	0.000	2.380	0.00	1.80	2	0	comp	post excavation east sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-03	5/8/1997	97128-03	soil	862376.13	433013.91	Aroclor-1268	0.000	2.380	0.00	0.10	0	0	comp	road sample 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Aroclor-1268	0.000	2.380	2.00	3.00	0	0	grab	dark brown sand		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Aroclor-1268	0.000	2.370	4.00	5.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Aroclor-1268	0.000	2.370	1.00	4.00	1	0	comp	post excavation bottom 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Aroclor-1268	0.000	2.370	2.00	3.00	0	0	grab	dark brown wet sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Aroclor-1268	0.000	2.370	0.00	1.70	2	0	comp	post excavation north sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Aroclor-1268	0.000	2.360	3.00	4.00	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-11	9/24/1996	96268-11	soil	861797.13	432399.94	Aroclor-1268	0.000	2.360	1.00	2.00	0	0	grab	tan sand slight staining		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96303-SRY-27	10/29/1996	96303-SRY-27	soil	861800.00	431800.94	Aroclor-1268	0.000	2.360	2.00	2.25	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98266-RSA-02	9/23/1998	98266-RSA-02	soil	861816.06	431303.94	Aroclor-1268	0.000	2.360	2.00	2.25	1	0	comp	railroad staging area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Aroclor-1268	0.000	2.360	1.50	3.00	1	0	comp	post excavation bottom 5-pt		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Aroclor-1268	0.000	2.360	0.00	2.50	2	0	comp	post excavation 3-pt west sidewall		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Aroclor-1268	0.000	2.360	1.00	1.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Aroclor-1268	0.000	2.360	2.00	3.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96312-13	11/7/1996	96312-13	soil	862080.13	433247.94	Aroclor-1268	0.000	2.360	1.00	2.00	0	0	grab	brown sand with black hard material		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96304-07	10/30/1996	96304-07	soil	862246.13	432784.91	Aroclor-1268	0.000	2.360	0.00	1.00	0	0	grab	delineation hand auger sample		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97086-09	3/27/1997	97086-09	soil	862263.31	432315.13	Aroclor-1268	0.000	2.360	0.00	3.50	2	0	comp	post excavation 3-pt E sidewall		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Aroclor-1268	0.000	2.360	2.00	3.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96284-02	10/10/1996	96284-02	soil	862316.13	432822.91	Aroclor-1268	0.000	2.360	1.50	2.00	0	0	grab	black granular material, slight hydrocarbon odor		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Aroclor-1268	0.000	2.350	3.00	3.00	1	0	comp	post excavation 4-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96351-BM3-01	12/16/1996	96351-BM3-01	soil	861349.25	431267.06	Aroclor-1268	0.000	2.350	4.00	5.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97125-BM3-08	5/5/1997	97125-BM3-08	soil	861382.69	431304.34	Aroclor-1268	0.000	2.350	4.00	5.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Aroclor-1268	0.000	2.350	1.25	2.00	1	0	comp	post excavation bottom 5-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-NWF-03	9/11/1996	96255-NWF-03	soil	861744.94	432338.13	Aroclor-1268	0.000	2.350	0.50	0.75	1	0	grab	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Aroclor-1268	0.000	2.350	1.50	6.00	2	0	comp	post excavation 3-pt W sidewall		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98064-BMA-07	3/5/1998	98064-BMA-07	soil	861821.06	430963.94	Aroclor-1268	0.000	2.350	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96298-SRY-24	10/24/1996	96298-SRY-24	soil	861827.88	431864.63	Aroclor-1268	0.000	2.350	0.00	2.00	2	0	comp	post excavation east sidewall 3-pt		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96316-SRY-36	11/11/1996	96316-SRY-36	soil	861832.06	431650.94	Aroclor-1268	0.000	2.350	0.50	3.50	2	0	comp	post excavation 3-pt southeast sidewall		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96312-SRY-29	11/7/1996	96312-SRY-29	soil	861841.44	431750.56	Aroclor-1268	0.000	2.350	3.00	3.50	1	0	comp	post excavation bottom 5-pt		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96270-sry-09	9/26/1996	96270-SRY-09	soil	861868.69	431973.06	Aroclor-1268	0.000	2.350	0.00	1.50	1	0	comp	post excavation bottom 5-pt		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Aroclor-1268	0.000	2.350	2.50	4.50	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98064-BMA-04	3/5/1998	98064-BMA-04	soil	861914.06	431123.94	Aroclor-1268	0.000	2.350	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Aroclor-1268	0.000	2.350	1.50	2.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Aroclor-1268	0.000	2.350	2.00	3.00	0	0	grab	wet brown sand, trace clay		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Aroclor-1268	0.000	2.350	0.00	1.00	0	0	grab	characterization east of cell buildings		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96351-BM3-02	12/16/1996	96351-BM3-02	soil	861283.75	431308.94	Aroclor-1268	0.000	2.340	4.00	4.50	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Aroclor-1268	0.000	2.340	0.00	1.00	0	0	grab	tan sand with trace amount of roots		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96288-NREA-03	10/14/1996	96288-NREA-03	soil	861827.13	432440.75	Aroclor-1268	0.000	2.340	1.00	2.00	1	0	comp	post excavation (bottom), 5-pt composite, orange-brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96298-SRY-25	10/24/1996	96298-SRY-25	soil	861853.00	431840.66	Aroclor-1268	0.000	2.340	2.00	2.50	1	0	comp	post excavation bottom 4-pt		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96285-NREA-02	10/11/1996	96285-NREA-02	soil	861877.94	432556.78	Aroclor-1268	0.000	2.340	0.75	1.50	1	0	comp	post excavation (bottom), 5-pt composite, brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Aroclor-1268	0.000	2.340	2.00	3.00	0	0	grab	brown sand, moist		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-19	10/3/1996	96277-19	soil	862221.19	433229.41	Aroclor-1268	0.000	2.340	2.00	3.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Aroclor-1268	0.000	2.330	0.00	1.00	0	0	comp/grab	brown wet sand		SDK		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97107-BM4-16	4/17/1997	97107-BM4-16	soil	861358.38	431487.06	Aroclor-1268	0.000	2.330	2.00	3.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Aroclor-1268	0.000	2.330	3.00	3.50	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96302-CPS-12	10/28/1996	96302-CPS-12	soil	861655.25	432079.59	Aroclor-1268	0.000	2.330	1.00	1.00	1	0	comp	post excavation 5-pt bottom		CPS		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Aroclor-1268	0.000	2.330	1.25	2.00	1	0	comp	post excavation bottom 5-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-01	9/17/1996	96261-01	soil	861788.06	431612.94	Aroclor-1268	0.000	2.330	0.00	1.00	0	0	grab	dark brown sand with black stains, petroleum hydrocarbon odor		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Aroclor-1268	0.000	2.330	1.50	1.50	1	0	comp	post excavation 5-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96296-SRY-17	10/22/1996	96296-SRY-17	soil	861796.63	431747.63	Aroclor-1268	0.000	2.330	3.00	4.00	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-06	9/24/1996	96268-06	soil	861878.13	432341.94	Aroclor-1268	0.000	2.330	1.00	1.50	0	0	grab	tan sand gray gravel fines		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Aroclor-1268	0.000	2.330	3.00	4.00	1	0	comp	post excavation bottom 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Aroclor-1268	0.000	2.330	2.00	2.50	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Aroclor-1268	0.000	2.330	1.50	3.00	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Aroclor-1268	0.000	2.330	0.00	1.00	0	0	grab	light brown loamy sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-16	10/3/1996	96277-16	soil	862187.75	432754.44	Aroclor-1268	0.000	2.330	0.00	1.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Aroclor-1268	0.000	2.330	2.00	3.00	0	0	grab	wet brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Aroclor-1268	0.000	2.330	0.00	1.00	0	0	grab	brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Aroclor-1268	0.000	2.330	0.00	1.00	0	0	grab	brown sand with trace hardened black material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Aroclor-1268	0.000	2.320	0.00	2.00	2	0	comp	post excavation 3-pt N sidewall		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Aroclor-1268	0.000	2.320	4.00	4.25	1	0	comp	post excavation 5-pt bottom		MH20		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98064-BMA-06	3/5/1998	98064-BMA-06	soil	861898.06	431035.94	Aroclor-1268	0.000	2.320	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Aroclor-1268	0.000	2.320	0.00	3.00	2	0	comp	post excavation 3-pt west sidewall		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-06	10/3/1996	96277-06	soil	862145.63	432578.75	Aroclor-1268	0.000	2.320	0.00	1.00	0	0	grab	lt brown sand organic material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Aroclor-1268	0.000	2.320	2.00	3.00	0	0	grab	light brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Aroclor-1268	0.000	2.320	0.00	0.50	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Aroclor-1268	0.000	2.310	2.00	2.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Aroclor-1268	0.000	2.310	0.00	1.00	0	0	grab	brown sand				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Aroclor-1268	0.000	2.310	0.00	1.00	0	0	grab	brown sand with some root mass		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Aroclor-1268	0.000	2.310	1.00	2.00	0	0	grab	brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-NWF-13	9/18/1996	96262-NWF-13	soil	861560.81	432362.97	Aroclor-1268	0.000	2.310	0.50	0.75	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-NWF-16	9/19/1996	96263-NWF-16	soil	861664.31	432503.59	Aroclor-1268	0.000	2.310	0.50	0.75	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96248-12	9/4/1996	96248-12	soil	861777.13	432683.94	Aroclor-1268	0.000	2.310	1.00	2.00	0	0	grab	grey sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96316-NREA-04	11/11/1996	96316-NREA-04	soil	861858.13	432644.16	Aroclor-1268	0.000	2.310	1.00	1.50	1	0	comp	post excavation 4-pt bottom		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98064-BMA-01	3/5/1998	98064-BMA-01	soil	861956.06	431070.94	Aroclor-1268	0.000	2.310	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Aroclor-1268	0.000	2.310	1.50	2.00	1	0	comp	post excavation 5-pt bottom		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96213-14	7/31/1996	96213-14	soil	862039.13	432865.94	Aroclor-1268	0.000	2.310	0.00	0.10	0	0	comp	5-pt composite surface samples from roads at north side of site		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Aroclor-1268	0.000	2.310	0.00	1.00	0	0	grab	characterization west side boiler house		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Aroclor-1268	0.000	2.310	2.50	3.50	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-17	10/3/1996	96277-17	soil	862187.75	432754.44	Aroclor-1268	0.000	2.310	1.00	2.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Aroclor-1268	0.000	2.300	2.00	3.00	0	0	grab	tan sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Aroclor-1268	0.000	2.300	0.00	3.50	2	0	comp	post excavation W sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Aroclor-1268	0.000	2.300	0.00	2.50	2	0	comp	post excavation E sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96290-03	10/16/1996	96290-03	soil	861663.13	432570.94	Aroclor-1268	0.000	2.300	0.00	1.00	0	0	grab	brown sand with root debris		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Aroclor-1268	0.000	2.300	0.00	1.50	2	0	comp	post excavation S sidewall 3-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Aroclor-1268	0.000	2.300	1.00	1.50	1	0	comp	post excavation bottom 5-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Aroclor-1268	0.000	2.300	0.50	1.30	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Aroclor-1268	0.000	2.300	0.00	3.00	2	0	comp	post excavation W sidewall 3-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96316-SRY-34	11/11/1996	96316-SRY-34	soil	861828.13	431669.25	Aroclor-1268	0.000	2.300	3.00	4.00	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97072-01	3/13/1997	97072-01	soil	862054.13	432929.94	Aroclor-1268	0.000	2.300	0.00	0.25	1	0	comp	scrape area 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Aroclor-1268	0.000	2.300	0.00	1.00	0	0	grab	light brown to tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Aroclor-1268	0.000	2.300	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Aroclor-1268	0.000	2.290	0.00	1.00	0	0	grab	brown sand				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97107-BM4-17	4/17/1997	97107-BM4-17	soil	861493.50	431468.44	Aroclor-1268	0.000	2.290	1.50	4.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Aroclor-1268	0.000	2.290	4.00	4.50	1	0	comp	post excavation 5-pt bottom		MH20		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98266-RSA-01	9/23/1998	98266-RSA-01	soil	861811.06	431243.94	Aroclor-1268	0.000	2.290	2.00	2.25	1	0	comp	railroad staging area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98064-BMA-05	3/5/1998	98064-BMA-05	soil	861906.06	431081.94	Aroclor-1268	0.000	2.290	0.50	1.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96269-NRY-04	9/25/1996	96269-NRY-04	soil	861993.94	432900.28	Aroclor-1268	0.000	2.290	1.00	2.00	1	0	comp	post excavation bottom 5-pt,brown and dk gray sand		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Aroclor-1268	0.000	2.290	2.00	3.00	0	0	grab	brown sand		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Aroclor-1268	0.000	2.290	0.00	1.00	0	0	grab	characterization NE corner locker room		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96312-10	11/7/1996	96312-10	soil	862164.13	433235.94	Aroclor-1268	0.000	2.290	0.00	1.00	0	0	grab	brown sand with black hard material		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96298-02	10/24/1996	96298-02	soil	862191.13	433271.94	Aroclor-1268	0.000	2.290	1.00	2.00	0	0	grab	delineation sample		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96296-10	10/22/1996	96296-10	soil	862223.13	433337.91	Aroclor-1268	0.000	2.290	0.00	1.00	0	0	grab	delineation sample		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96352-BM3-03	12/17/1996	96352-BM3-03	soil	861313.06	431279.84	Aroclor-1268	0.000	2.280	4.00	4.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-19	9/16/1996	96260-19	soil	861535.13	432233.94	Aroclor-1268	0.000	2.280	0.00	1.00	0	0	grab	brown to tan sand		SITE		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Aroclor-1268	0.000	2.280	0.00	1.50	2	0	comp	post excavation N sidewall 3-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]

Table 2. Summary of Non Detects for Aroclor 1268 in Surface/Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	AREA	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96256-NWF-05	9/12/1996	96256-NWF-05	soil	861700.13	432360.94	Aroclor-1268	0.000	2.280	0.50	0.75	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Aroclor-1268	0.000	2.280	2.00	2.00	1	0	comp	post excavation 5-pt bottom		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-05	8/26/1996	96239-05	soil	861784.13	432598.94	Aroclor-1268	0.000	2.280	1.00	2.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Aroclor-1268	0.000	2.280	2.50	3.50	1	0	comp	post excvation bottom 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98064-BMA-02	3/5/1998	98064-BMA-02	soil	861951.06	431028.94	Aroclor-1268	0.000	2.280	0.50	1.00	1	0	comp	brine mud stockpile area				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Aroclor-1268	0.000	2.280	1.00	2.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Aroclor-1268	0.000	2.280	0.00	1.00	0	0	grab	brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Aroclor-1268	0.000	2.280	0.00	1.00	0	0	grab	tan sand with rust stains		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-29	10/3/1996	96277-29	soil	862262.13	432730.91	Aroclor-1268	0.000	2.280	0.00	1.00	0	0	grab	reddish tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Aroclor-1268	0.000	2.280	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Aroclor-1268	0.000	2.280	0.00	1.00	0	0	comp/grab	dark gray & brown loamy sand		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Aroclor-1268	0.000	2.270	2.50	3.50	1	0	comp	post excavation bottom clinker 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Aroclor-1268	0.000	2.270	2.00	3.00	0	0	grab	grey to brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97104-02	4/14/1997	97104-02	soil	861347.06	431614.94	Aroclor-1268	0.000	2.270	0.00	0.10	0	0	comp	area of drum sump W BMI4 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Aroclor-1268	0.000	2.270	0.00	1.00	0	0	grab	dark brown sand with some loamy materia				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Aroclor-1268	0.000	2.270	3.00	3.50	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Aroclor-1268	0.000	2.270	1.00	2.00	1	0	comp	post excavation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Aroclor-1268	0.000	2.270	2.50	3.50	1	0	comp	post excavation bottom 4-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Aroclor-1268	0.000	2.270	1.00	1.25	1	0	comp	post excavation 5-pt bottom		MH20		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Aroclor-1268	0.000	2.270	1.25	1.50	1	0	comp	post excavation bottom 5-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-NRA-100	9/3/1996	96247-NRA-100	soil	861743.06	432696.22	Aroclor-1268	0.000	2.270	1.00	1.00	1	0	comp	post excavation, 4-pt composite, orange-brown sand, bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Aroclor-1268	0.000	2.270	0.00	3.00	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96304-01	10/30/1996	96304-01	soil	862065.13	432757.34	Aroclor-1268	0.000	2.270	0.00	1.00	0	0	grab	delineation hand auger sample		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Aroclor-1268	0.000	2.270	1.50	2.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Aroclor-1268	0.000	2.270	0.00	1.00	0	0	grab	brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Aroclor-1268	0.000	2.270	2.00	3.00	0	0	grab	wet brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Aroclor-1268	0.000	2.270	0.00	1.00	0	0	grab	black cinder-like material with trace debris		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-21	10/3/1996	96277-21	soil	862251.19	433229.38	Aroclor-1268	0.000	2.270	2.00	3.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Aroclor-1268	0.000	2.270	2.00	3.00	0	0	grab	brown sand		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Aroclor-1268	0.000	2.270	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Aroclor-1268	0.000	2.260	0.00	1.00	0	0	grab	brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Aroclor-1268	0.000	2.260	1.50	3.00	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Aroclor-1268	0.000	2.260	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Aroclor-1268	0.000	2.260	0.00	1.00	0	0	grab	brown to tan sand, trace black hardened material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Aroclor-1268	0.000	2.260	0.00	1.00	0	0	grab	dark brown loamy sand with root debris		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97049-RBT-04	2/18/1997	97049-RBT-04	soil	862702.13	432497.91	Aroclor-1268	0.000	2.260	1.00	2.50	1	0	comp	post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Aroclor-1268	0.000	2.260	0.00	1.00	0	0	comp/grab	brown & gray loamy sand		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Aroclor-1268	0.000	2.250	0.00	1.00	0	0	comp/grab	brown & light gray sand		SDK		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Aroclor-1268	0.000	2.250	2.00	3.00	1	0	comp	post excavation bottom 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Aroclor-1268	0.000	2.250	0.00	2.00	2	0	comp	post excavation 3-pt east sidewall		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97111-BM4-26	4/21/1997	97111-BM4-26	soil	861524.56	431565.44	Aroclor-1268	0.000	2.250	0.00	2.00	2	0	comp	post excavation E sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Aroclor-1268	0.000	2.250	0.00	1.00	0	0	grab	dark brown to light brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Aroclor-1268	0.000	2.250	2.00	2.50	1	0	comp	post excavation bottom 5-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Aroclor-1268	0.000	2.250	2.00	3.00	1	0	comp	post excavation bottom 5-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96296-SRY-18	10/22/1996	96296-SRY-18	soil	861784.94	431691.13	Aroclor-1268	0.000	2.250	3.00	4.00	1	0	comp	post excavation 5-pt bottom		STCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96220-WTB-01	8/7/1996	96220-WTB-01	soil	861795.44	432341.22	Aroclor-1268	0.000	2.250	1.00	1.50	1	0	comp	post excavation bottom 4-pt brown sand		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Aroclor-1268	0.000	2.250	0.00	3.50	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Aroclor-1268	0.000	2.250	1.00	1.00	1	0	comp	post excavation bottom 5-pt, brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-05	9/24/1996	96268-05	soil	861878.13	432341.94	Aroclor-1268	0.000	2.250	0.00	1.00	0	0	grab	tan to brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Aroclor-1268	0.000	2.250	1.00	3.00	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Aroclor-1268	0.000	2.250	2.00	2.50	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Aroclor-1268	0.000	2.250	2.00	3.00	0	0	grab	wet brown sand		NCA	SBC	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96296-08	10/22/1996	96296-08	soil	862220.13	433288.91	Aroclor-1268	0.000	2.250	0.00	1.00	0	0	grab	delineation sample		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Aroclor-1268	0.000	2.250	2.00	3.00	0	0	grab	brown sand		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97010-BM1-01	1/10/1997	97010-BM1-01	soil	861076.38	431017.19	Aroclor-1268	0.000	2.240	0.00	1.00	1	0	comp	post excavation below west BMI1 berm, 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Aroclor-1268	0.000	2.240	0.00	1.00	0	0	grab	dark brown to light brown sand with small pieces of black hardened material				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Aroclor-1268	0.000	2.240	2.00	3.00	0	0	grab	tan sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Aroclor-1268	0.000	2.240	0.00	1.00	0	0	grab	brown to tan sand		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96256-NWF-04	9/12/1996	96256-NWF-04	soil	861686.31	432439.56	Aroclor-1268	0.000	2.240	0.50	0.75	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96248-10	9/4/1996	96248-10	soil	861754.13	432670.94	Aroclor-1268	0.000	2.240	0.00	1.00	0	0	grab	dark brown sand with loamy material		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98279-BMA-13	10/6/1998	98279-BMA-13	soil	861778.06	431043.94	Aroclor-1268	0.000	2.240	0.00	0.25	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97058-09	2/27/1997	97058-09	soil	861946.13	432975.94	Aroclor-1268	0.000	2.240	0.00	0.10	1	0	comp	scrape in backfill @ pugmill area		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Aroclor-1268	0.000	2.240	1.00	2.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-24	10/3/1996	96277-24	soil	862233.56	433100.97	Aroclor-1268	0.000	2.240	0.00	1.00	0	0	grab	brown sand organic material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-25	10/3/1996	96277-25	soil	862233.56	433100.97	Aroclor-1268	0.000	2.240	1.00	2.00	0	0	grab	tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Aroclor-1268	0.000	2.240	0.00	1.00	0	0	grab	brown sand with debris (i.e., brick, ballast)		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Aroclor-1268	0.000	2.230	1.00	1.50	1	0	comp	post excaation bottom 5-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96190-06	7/8/1996	96190-06	soil	861100.06	431177.97	Aroclor-1268	0.000	2.230	1.00	1.50	0	0	grab	berm west of brine mud impoundments		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Aroclor-1268	0.000	2.230	0.00	5.00	2	0	comp	post excavation W sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-NWF-09	9/18/1996	96262-NWF-09	soil	861594.81	432437.78	Aroclor-1268	0.000	2.230	0.50	1.00	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97126-02	5/6/1997	97126-02	soil	861604.06	431828.94	Aroclor-1268	0.000	2.230	0.00	0.10	0	0	comp	characterization 5-pt		MH20		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-NWF-07	9/16/1996	96260-NWF-07	soil	861648.00	432389.66	Aroclor-1268	0.000	2.230	0.50	0.75	1	0	comp	post excavation, 5-pt composite, brown sand, bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Aroclor-1268	0.000	2.230	3.00	4.00	1	0	comp	post excavation bottom 3-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97049-10	2/18/1997	97049-10	soil	861926.13	432933.94	Aroclor-1268	0.000	2.230	0.10	0.10	1	0	comp	power screen scrape area 5-pt		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Aroclor-1268	0.000	2.230	1.50	2.50	1	0	comp	post excavation bottom 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97058-08	2/27/1997	97058-08	soil	861996.13	432943.94	Aroclor-1268	0.000	2.230	0.00	0.10	1	0	comp	scrape in backfill @ pugmill area		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Aroclor-1268	0.000	2.230	2.00	3.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Aroclor-1268	0.000	2.230	0.00	1.00	0	0	grab	brown sand with trace tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-20	10/3/1996	96277-20	soil	862251.19	433229.38	Aroclor-1268	0.000	2.230	0.00	1.00	0	0	grab	brown sand loamy		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Aroclor-1268	0.000	2.230	0.00	1.00	0	0	grab	characterization east side boiler house		NCA	EBH	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97076-01	3/17/1997	97076-01	soil	862295.63	432637.41	Aroclor-1268	0.000	2.230	0.30	0.50	1	0	comp	post excavation bottom 5-pt, scrape area		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Aroclor-1268	0.000	2.220	2.00	2.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Aroclor-1268	0.000	2.220	0.00	1.00	0	0	grab	brown sand with traces of root mass		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Aroclor-1268	0.000	2.220	2.00	3.00	0	0	grab	light brown moist sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Aroclor-1268	0.000	2.220	4.00	4.00	1	0	comp	post excavation bottom 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98075-BMA-12	3/16/1998	98075-BMA-12	soil	861806.06	431053.94	Aroclor-1268	0.000	2.220	0.00	0.00	1	0	comp	brine mud stockpile area		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Aroclor-1268	0.000	2.220	4.50	5.50	1	0	comp	post excavation 5-pt bottom		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Aroclor-1268	0.000	2.220	0.00	3.00	2	0	comp	post excavaion north sidewall 3-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96249-18	9/5/1996	96249-18	soil	861935.13	432674.94	Aroclor-1268	0.000	2.220	2.00	3.00	0	0	grab	light brown stained sand, wet, petroleum odor		NTCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Aroclor-1268	0.000	2.220	0.00	1.00	0	0	grab	dark brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Aroclor-1268	0.000	2.220	0.00	1.00	0	0	comp/grab	brown sand, organics		SEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98209-usc-11	7/28/1998	98209-USC-11	soil	861112.06	430909.97	Aroclor-1268	0.000	2.210	0.00	0.10	1	0	comp	contractor laydown area @ SRA		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Aroclor-1268	0.000	2.210	0.00	1.25	2	0	comp	post excavation W sidewall 3-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Aroclor-1268	0.000	2.210	0.00	4.00	2	0	comp	post excavation 3-pt S sidewall		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96277-18	10/3/1996	96277-18	soil	862221.19	433229.41	Aroclor-1268	0.000	2.210	0.00	1.00	0	0	grab	brown sand trace clinker		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Aroclor-1268	0.000	2.210	0.00	1.00	0	0	grab	dark brown sand with loamy material		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97043-RBT-01	2/12/1997	97043-RBT-01	soil	862668.13	432443.91	Aroclor-1268	0.000	2.210	0.70	2.00	1	0	comp	SW enclosure, post excavation 3-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97049-RBT-03	2/18/1997	97049-RBT-03	soil	862673.13	432501.91	Aroclor-1268	0.000	2.210	1.00	2.50	1	0	comp	post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-NWF-11	9/18/1996	96262-NWF-11	soil	861602.13	432466.94	Aroclor-1268	0.000	2.200	0.00	1.00	2	0	comp	post excavation, 3-pt composite, brown sand, n. sidewall		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Aroclor-1268	0.000	2.200	0.50	2.50	2	0	comp	post excavation W sidewall 3-pt		CTB		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96227-01	8/14/1996	96227-01	soil	861906.13	432579.94	Aroclor-1268	0.000	2.200	0.00	1.00	0	0	grab	brown to light gray sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Aroclor-1268	0.000	2.200	3.50	4.50	0	0	grab	North disposal area				0	Pac	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Aroclor-1268	0.000	2.200	1.00	2.00	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96312-07	11/7/1996	96312-07	soil	862060.13	432745.94	Aroclor-1268	0.000	2.200	0.00	1.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Aroclor-1268	0.000	2.200	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96304-06	10/30/1996	96304-06	soil	862192.13	432774.94	Aroclor-1268	0.000	2.200	0.00	1.00	0	0	grab	delineation hand auger sample		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96319-NCA-05	11/14/1996	96319-NCA-05	soil	862240.00	433156.13	Aroclor-1268	0.000	2.200	0.00	1.50	2	0	comp	post excavation 3-pt east sidewall		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98209-usc-10	7/28/1998	98209-USC-10	soil	861161.06	430899.97	Aroclor-1268	0.000	2.190	0.00	0.10	1	0	comp	contractor laydown area @ SRA		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-08	8/5/1996	96218-08	soil	861329.06	430848.94	Aroclor-1268	0.000	2.190	0.00	1.00	0	0	grab	brown and gray sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96233-05	8/20/1996	96233-05	soil	861558.13	432508.94	Aroclor-1268	0.000	2.190	0.00	1.00	0	0	comp	tan to brown sand 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]

Table 2. Summary of Non Detects for Aroclor 1268 in Surface/Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	AREA	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Aroclor-1268	0.000	2.190	2.00	2.50	1	0	comp	post excavation bottom 2-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Aroclor-1268	0.000	2.190	1.00	2.00	0	0	grab	brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Aroclor-1268	0.000	2.190	4.00	5.00	1	0	comp	post excavation 5-pt bottom		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96268-03	9/24/1996	96268-03	soil	861891.13	432400.94	Aroclor-1268	0.000	2.190	0.00	1.00	0	0	grab	brown sand		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97076-NCA-25	3/17/1997	97076-NCA-25	soil	862104.44	432761.13	Aroclor-1268	0.000	2.190	0.50	1.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Aroclor-1268	0.000	2.190	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Aroclor-1268	0.000	2.190	2.00	3.00	0	0	comp/grab	light brown-orange sand		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-21	9/18/1996	96262-21	soil	861093.06	431108.97	Aroclor-1268	0.000	2.180	0.50	0.50	0	0	grab	white sand from west side of BMI # 1		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98209-usc-09	7/28/1998	98209-USC-09	soil	861210.06	430890.94	Aroclor-1268	0.000	2.180	0.00	0.10	1	0	comp	contractor laydown area @ SRA		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Aroclor-1268	0.000	2.180	1.00	1.30	1	0	comp	post excavation bottom 4-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-NRA-102	9/3/1996	96247-NRA-102	soil	861745.88	432683.41	Aroclor-1268	0.000	2.180	0.00	1.00	2	0	comp	post excavation, 3-pt composite, brown/grey sand, s. sidewall		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96304-05	10/30/1996	96304-05	soil	862144.13	432784.94	Aroclor-1268	0.000	2.180	0.00	1.00	0	0	grab	delineation hand auger sample		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Aroclor-1268	0.000	2.180	0.00	1.50	2	0	comp	post excavation E sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96298-01	10/24/1996	96298-01	soil	862191.13	433271.94	Aroclor-1268	0.000	2.180	0.00	1.00	0	0	grab	delineation sample		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Aroclor-1268	0.000	2.180	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98209-usc-06	7/28/1998	98209-USC-06	soil	861146.06	430852.97	Aroclor-1268	0.000	2.170	0.00	0.10	1	0	comp	contractor laydown area @ SRA		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-09	8/5/1996	96218-09	soil	861329.06	430848.94	Aroclor-1268	0.000	2.170	1.00	2.00	0	0	grab	brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96247-NRA-101	9/3/1996	96247-NRA-101	soil	861754.06	432697.09	Aroclor-1268	0.000	2.170	0.00	1.00	2	0	comp	post excavation, 3-pt composite, brown/grey sand, e. sidewall		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-08	8/26/1996	96239-08	soil	861762.13	432595.94	Aroclor-1268	0.000	2.170	1.00	2.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Aroclor-1268	0.000	2.170	3.00	4.00	1	0	comp	post excavation 5-pt bottom		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Aroclor-1268	0.000	2.170	0.00	4.00	2	0	comp	post excavation east sidewall 3-pt		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Aroclor-1268	0.000	2.170	1.50	2.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97071-04	3/12/1997	97071-04	soil	862236.13	432543.94	Aroclor-1268	0.000	2.170	0.00	0.10	0	0	comp	surface samples 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Aroclor-1268	0.000	2.170	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom		RBT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Aroclor-1268	0.000	2.170	2.00	3.00	0	0	comp/grab	light & dark brown sand		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Aroclor-1268	0.000	2.170	2.00	3.00	0	0	comp/grab	phase II upland soil sample		DIT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Aroclor-1268	0.000	2.160	1.00	2.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Aroclor-1268	0.000	2.160	0.00	1.50	2	0	comp	post excavation W sidewall 3-pt		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96227-03	8/14/1996	96227-03	soil	861891.13	432583.94	Aroclor-1268	0.000	2.160	0.00	1.00	0	0	grab	brown sand				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-01	5/8/1997	97128-01	soil	862318.13	432589.91	Aroclor-1268	0.000	2.160	0.00	0.10	0	0	comp	road sample 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Aroclor-1268	0.000	2.160	0.00	1.00	0	0	comp/grab	brown silty sand, some black granular material		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98209-usc-07	7/28/1998	98209-USC-07	soil	861097.06	430861.97	Aroclor-1268	0.000	2.150	0.00	0.10	1	0	comp	contractor laydown area @ SRA		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Aroclor-1268	0.000	2.150	0.00	1.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Aroclor-1268	0.000	2.150	1.00	2.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Aroclor-1268	0.000	2.150	1.00	2.00	0	0	grab	tan sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-NWF-10	9/18/1996	96262-NWF-10	soil	861546.81	432447.78	Aroclor-1268	0.000	2.150	0.00	0.50	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96232-13	8/19/1996	96232-13	soil	861559.13	432508.94	Aroclor-1268	0.000	2.150	0.00	0.10	0	0	comp	light brown loamy sand 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Aroclor-1268	0.000	2.150	0.00	1.00	0	0	grab	brown sand with some root mass		OST		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96270-07	9/25/1996	96270-07	soil	861718.13	432538.94	Aroclor-1268	0.000	2.150	2.00	3.00	0	0	grab	brown sand		nra		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Aroclor-1268	0.000	2.150	0.00	3.00	2	0	comp	post excavation 3-pt west sidewall		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Aroclor-1268	0.000	2.150	0.00	3.00	2	0	comp	post excavation 3-pt south sidewall		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96319-NCA-06	11/14/1996	96319-NCA-06	soil	862227.06	433205.03	Aroclor-1268	0.000	2.150	0.00	1.25	2	0	comp	post excavation 3-pt north sidewall		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Aroclor-1268	0.000	2.150	0.00	1.00	0	0	grab	brown sand with trace tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Aroclor-1268	0.000	2.150	2.00	3.00	0	0	grab	tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Aroclor-1268	0.000	2.140	1.00	2.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-15	8/26/1996	96239-15	soil	861759.13	432713.94	Aroclor-1268	0.000	2.140	0.00	1.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-07	8/26/1996	96239-07	soil	861762.13	432595.94	Aroclor-1268	0.000	2.140	0.00	1.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96233-08	8/20/1996	96233-08	soil	861839.13	432422.94	Aroclor-1268	0.000	2.140	2.00	3.00	0	0	comp	tan, brown, reddish sand 5-pt		NRA	NREA	0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Aroclor-1268	0.000	2.140	0.50	1.00	1	0	comp	post excavation bottom 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-05	8/27/1996	96240-05	soil	862013.13	433062.94	Aroclor-1268	0.000	2.140	2.00	3.00	0	0	grab	brown loamy sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Aroclor-1268	0.000	2.140	0.00	1.00	0	0	grab	brown sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Aroclor-1268	0.000	2.140	1.00	1.00	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97071-NCA-16	3/12/1997	97071-NCA-16	soil	862150.13	432665.94	Aroclor-1268	0.000	2.140	0.00	1.70	2	0	comp	post excavation E sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Aroclor-1268	0.000	2.140	0.00	1.00	0	0	comp/grab	brown loamy sand		NEF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97013-01	1/13/1997	97013-01	soil	861370.06	431073.94	Aroclor-1268	0.000	2.130	0.50	1.00	0	0	comp	east BMI2 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Aroclor-1268	0.000	2.130	0.00	1.00	0	0	grab	light brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96303-NWF-29	10/29/1996	96303-NWF-29	soil	861670.81	432556.09	Aroclor-1268	0.000	2.130	0.00	1.25	2	0	comp	post excavation 3-pt west sidewall		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-14	8/26/1996	96239-14	soil	861742.13	432713.94	Aroclor-1268	0.000	2.130	0.00	1.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-03	8/26/1996	96239-03	soil	861819.13	432588.94	Aroclor-1268	0.000	2.130	1.00	1.50	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Aroclor-1268	0.000	2.130	3.50	3.50	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Aroclor-1268	0.000	2.130	0.00	4.00	2	0	comp	post excavation west sidewall, 3-pt, gray sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Aroclor-1268	0.000	2.130	1.00	1.50	1	0	comp	post excavation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97072-NCA-22	3/13/1997	97072-NCA-22	soil	862078.13	432549.94	Aroclor-1268	0.000	2.130	0.00	1.00	2	0	comp	post excavation S sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Aroclor-1268	0.000	2.130	2.00	3.00	0	0	grab	tan sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Aroclor-1268	0.000	2.130	0.00	1.00	0	0	comp/grab	brown & light tan sand		DIT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Aroclor-1268	0.000	2.120	3.25	3.25	1	0	comp	post excavation upper east bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Aroclor-1268	0.000	2.120	0.00	1.00	0	0	grab	light to brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-04	*8/5/1996*	*96218-04*	*soil*	*861429.06*	*431048.94*	*Aroclor-1268*	*0.000*	*2.120*	*1.00*	*2.00*	*0*	*0*	*grab*	*light brown sand*				*0*	*QAL*	*replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]*
96233-03	8/20/1996	96233-03	soil	861543.13	432431.94	Aroclor-1268	0.000	2.120	0.00	1.00	0	0	comp	brown sand 5-pt		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97135-02	5/15/1997	97135-02	soil	861576.06	431553.94	Aroclor-1268	0.000	2.120	0.00	0.10	0	0	comp	road surface sample 5-pt		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Aroclor-1268	0.000	2.120	2.00	3.50	1	0	comp	post excvation bottom 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97090-WDI-05	3/31/1997	97090-WDI-05	soil	862026.13	433097.94	Aroclor-1268	0.000	2.120	1.00	2.00	1	0	comp	post excavation bottom 5-pt		WDI		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97076-NCA-26	3/17/1997	97076-NCA-26	soil	862088.63	432752.53	Aroclor-1268	0.000	2.120	0.00	1.00	2	0	comp	post excavation W sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97133-01	5/13/1997	97133-01	soil	862684.13	433273.41	Aroclor-1268	0.000	2.120	0.00	0.10	0	0	comp	road surface sample 5-pt		DIT		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Aroclor-1268	0.000	2.110	0.00	1.00	0	0	grab	brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-07	8/5/1996	96218-07	soil	861429.06	430948.94	Aroclor-1268	0.000	2.110	1.00	2.00	0	0	grab	light brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Aroclor-1268	0.000	2.110	0.00	1.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-04	8/26/1996	96239-04	soil	861784.13	432598.94	Aroclor-1268	0.000	2.110	0.00	1.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Aroclor-1268	0.000	2.110	2.00	3.00	1	0	comp	post excavation 5-pt bottom		BCF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Aroclor-1268	0.000	2.110	0.00	1.00	0	0	grab	brown loamy sand		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96295-NWF-19	10/21/1996	96295-NWF-19	soil	861786.69	432517.34	Aroclor-1268	0.000	2.100	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-01	8/26/1996	96239-01	soil	861819.13	432588.94	Aroclor-1268	0.000	2.100	0.00	1.00	0	0	grab	tan sand				0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96221-WTR-02	8/8/1996	96221-WTR-02	soil	861838.38	432558.97	Aroclor-1268	0.000	2.100	1.00	3.00	1	0	comp	post excavation 6-pt bottom sample		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97072-02	3/13/1997	97072-02	soil	862054.13	432791.94	Aroclor-1268	0.000	2.100	0.00	0.25	1	0	comp	scrape area 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Aroclor-1268	0.000	2.090	0.50	1.50	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97135-05	5/15/1997	97135-05	soil	861356.06	431053.94	Aroclor-1268	0.000	2.090	0.00	0.10	0	0	comp	road surface sample 5-pt		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96239-13	8/26/1996	96239-13	soil	861735.13	432689.94	Aroclor-1268	0.000	2.090	1.00	2.00	0	0	grab	tan sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-09	8/27/1996	96240-09	soil	861996.13	433097.94	Aroclor-1268	0.000	2.090	2.00	3.00	0	0	grab	brown sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Aroclor-1268	0.000	2.090	1.00	1.50	1	0	comp	post excavation 5-pt bottom		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Aroclor-1268	0.000	2.090	0.00	1.00	0	0	grab	brown loamy sand with root debris		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Aroclor-1268	0.000	2.080	1.00	2.00	0	0	grab	light brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96218-06	8/5/1996	96218-06	soil	861429.06	430948.94	Aroclor-1268	0.000	2.080	0.00	1.00	0	0	grab	light brown sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97140-03	5/20/1997	97140-03	soil	861486.06	430638.94	Aroclor-1268	0.000	2.080	0.00	0.10	0	0	comp	limestone road surface sample 5-pt		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-02	5/8/1997	97128-02	soil	862350.13	432803.91	Aroclor-1268	0.000	2.080	0.00	0.10	0	0	comp	road sample 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96190-03	7/8/1996	96190-03	soil	861050.13	430971.91	Aroclor-1268	0.000	2.070	0.00	0.10	0	0	grab	berm west of brine mud impoundments		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Aroclor-1268	0.000	2.070	0.00	3.25	2	0	comp	post excavation east sidewall 3-pt		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Aroclor-1268	0.000	2.070	1.00	2.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Aroclor-1268	0.000	2.070	0.00	1.00	0	0	grab	Phase IIIC Characterization samples		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97135-04	5/15/1997	97135-04	soil	861484.06	431287.94	Aroclor-1268	0.000	2.070	0.00	0.10	0	0	comp	road surface sample 5-pt		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Aroclor-1268	0.000	2.070	0.00	1.00	0	0	grab	tan sand		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97135-03	5/15/1997	97135-03	soil	861536.06	431413.94	Aroclor-1268	0.000	2.070	0.00	0.10	0	0	comp	road surface sample 5-pt		SWQ		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96263-NWF-18	9/19/1996	96263-NWF-18	soil	861633.56	432518.41	Aroclor-1268	0.000	2.070	0.00	0.50	2	0	comp	post excavation, 3-pt composite, brown sand, w. sidewall		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97140-04	5/20/1997	97140-04	soil	861711.06	430672.94	Aroclor-1268	0.000	2.070	0.00	0.10	0	0	comp	limestone road surface sample 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Aroclor-1268	0.000	2.070	0.00	6.00	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Aroclor-1268	0.000	2.070	4.00	6.00	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Aroclor-1268	0.000	2.070	2.00	3.00	1	0	comp	post excvation bottom 4-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97071-NCA-19	3/12/1997	97071-NCA-19	soil	862174.13	432791.94	Aroclor-1268	0.000	2.070	0.00	1.00	2	0	comp	post excavation N sidewall 3-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96213-15	7/31/1996	96213-15	soil	862396.13	433039.91	Aroclor-1268	0.000	2.070	0.00	0.10	0	0	comp	5-pt composite surface samples from roads at north side of site		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Aroclor-1268	0.000	2.060	0.50	1.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97140-05	5/20/1997	97140-05	soil	861742.06	431013.94	Aroclor-1268	0.000	2.060	0.00	0.10	0	0	comp	limestone road surface sample 5-pt		MSA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]

Table 2. Summary of Non Detects for Aroclor 1268 in Surface/Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	AREA	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
97143-SRA-148	5/23/1997	97143-SRA-148	soil	861339.06	430951.94	Aroclor-1268	0.000	2.050	0.00	0.10	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98221-WTR-01	8/8/1998	98221-WTR-01	soil	861791.31	432427.91	Aroclor-1268	0.000	2.050	1.00	2.50	1	0	comp	post excavation 3-pt bottom sample		NWF		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
96240-07	8/27/1996	96240-07	soil	862032.13	433097.94	Aroclor-1268	0.000	2.050	2.00	3.00	0	0	grab	light brown sand		NRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Aroclor-1268	0.000	2.040	1.00	2.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Aroclor-1268	0.000	2.020	1.00	2.00	1	0	comp	post excavation 5-pt bottom		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
98205-usc-05	7/24/1998	98205-USC-05	soil	861195.06	430843.97	Aroclor-1268	0.000	2.010	0.00	0.10	1	0	comp	contactor laydown area @SRA		SRA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97128-04	5/8/1997	97128-04	soil	862396.13	433169.91	Aroclor-1268	0.000	2.010	0.00	0.10	0	0	comp	road sample 5-pt		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Aroclor-1268	0.000	2.000	4.00	4.25	1	0	comp	post excavation 5-pt bottom		MH20		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Aroclor-1268	0.000	2.000	0.00	1.00	0	0	grab	characterization south side boiler house		NCA		0	QAL	replace with 1/2 DL - or - highest offsite lab DL [0.4ppm]
														Note step drop in DL from onsite lab (QAL) to offsite labs (10X factor)						
AC9-4	1/9/1995	AC9	soil	861451.13	432182.94	Aroclor-1268	0.000	0.410	4.00	6.00	0	0	grab					0	Col	replace with 1/2 DL
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Aroclor-1268	0.000	0.382	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Aroclor-1268	0.000	0.378	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Aroclor-1268	0.000	0.376	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Aroclor-1268	0.000	0.367	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Aroclor-1268	0.000	0.357	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
A113047	10/18/1995	GIBSON CREEK 109	soil	863661.31	440185.13	Aroclor-1268	0.000	0.130	1.57	1.77	0	0			EPA 1995 Phase III Sediment Sampling			0	REA	replace with 1/2 DL
A113044	10/18/1995	GIBSON CREEK 109	soil	863661.31	440185.13	Aroclor-1268	0.000	0.120	0.59	0.79	0	0			EPA 1995 Phase III Sediment Sampling			0	REA	replace with 1/2 DL
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Aroclor-1268	0.000	0.110	2.50	3.50	1	0	comp	Post Excavation Bottom 2-pt		FFDA		0	Pac	replace with 1/2 DL
950235-OST-19	9/23/1995	OST-19	soil	861550.06	430798.94	Aroclor-1268	0.000	0.110	0.00	1.00	0	0	grab	W. Side OST Area		OST		0	Pac	replace with 1/2 DL
97164-01	6/13/1997	97164-01	soil	861212.13	432369.94	Aroclor-1268	0.000	0.048	4.50	5.00	1	0	comp	Post excavation bottom 2-point		NDSA		0	Sav	replace with 1/2 DL
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Aroclor-1268	0.000	0.045	2.00	3.00	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		NWF	SAN	0	Pac	replace with 1/2 DL
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Aroclor-1268	0.000	0.044	2.00	4.00	0	0	grab			NWF	BAC	0	Col	replace with 1/2 DL
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Aroclor-1268	0.000	0.043	2.00	4.00	0	0	grab					0	Sav	replace with 1/2 DL
WDI1-4	1/11/1995	WDI1-4	soil	862077.13	433056.94	Aroclor-1268	0.000	0.043	4.00	5.00	0	0	grab			WDI		0	Col	replace with 1/2 DL
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Aroclor-1268	0.000	0.042	1.00	3.00	0	0	grab			SYD		0	Col	replace with 1/2 DL
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Aroclor-1268	0.000	0.042	2.00	4.00	0	0	grab					0	Sav	replace with 1/2 DL
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Aroclor-1268	0.000	0.042	3.00	3.00	0	0	grab	Center of BAC Trace				0	Eco	replace with 1/2 DL
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Aroclor-1268	0.000	0.041	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
GPT-62-2	3/24/1995	GPT-62	soil	861962.75	432896.13	Aroclor-1268	0.000	0.041	2.00	4.00	0	0	grab					0	Sav	replace with 1/2 DL
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Aroclor-1268	0.000	0.041	4.00	5.00	0	0	grab			WDI		0	Col	replace with 1/2 DL
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Aroclor-1268	0.000	0.041	2.00	3.00	1	0	comp	post excavation 5-pt bottom		NRA		0	Cor	replace with 1/2 DL
94343-12	12/9/1994	94343-12	soil	861970.06	431100.94	Aroclor-1268	0.000	0.041	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-18	12/10/1994	94344-18	soil	862032.56	431182.58	Aroclor-1268	0.000	0.041	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94341-05	12/7/1994	94341-05	soil	861731.06	430932.94	Aroclor-1268	0.000	0.040	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Aroclor-1268	0.000	0.040	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1268	0.000	0.040	2.00	3.00	0	0	comp					0	ESD	replace with 1/2 DL
94344-15	12/10/1994	94344-15	soil	862025.56	431089.34	Aroclor-1268	0.000	0.040	2.00	3.00	0	0	grab	Proposed Containment Cell Area				0	Eco	replace with 1/2 DL
94342-16	12/8/1994	94342-16	soil	861836.06	430927.94	Aroclor-1268	0.000	0.039	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Aroclor-1268	0.000	0.039	0.00	2.00	0	0	grab					0	Col	replace with 1/2 DL
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	432295.31	Aroclor-1268	0.000	0.039	3.00	5.50	1	0	comp	post excavation 5-pt bottom		NRA		0	Cor	replace with 1/2 DL
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Aroclor-1268	0.000	0.039	2.00	3.00	0	0	comp/grab	phase II upland soil sample		SEF		0	Cor	replace with 1/2 DL
94341-06	12/7/1994	94341-06	soil	861748.06	431038.94	Aroclor-1268	0.000	0.039	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
950228-SA1-1	9/17/1995	950228-SA1-1	soil	861376.13	432493.94	Aroclor-1268	0.000	0.038	0.00	1.00	0	0	grab	Surficial Anomoly		NWF	SAN	0	Pac	replace with 1/2 DL
950039-15	2/8/1995	950039-15	soil	861765.06	431051.94	Aroclor-1268	0.000	0.038	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
97162-M102	6/11/1997	97162-M102	soil	861936.06	431323.94	Aroclor-1268	0.000	0.038	1.50	3.00	1	0	comp	Post excavation bottom 5-point		MSA		0	Sav	replace with 1/2 DL
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Aroclor-1268	0.000	0.038	0.00	1.00	0	0	comp					0	ESD	replace with 1/2 DL
94343-07	12/9/1994	94343-07	soil	861869.06	430798.94	Aroclor-1268	0.000	0.038	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-11	12/10/1994	94344-11	soil	862029.06	430895.94	Aroclor-1268	0.000	0.038	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-20	12/10/1994	94344-20	soil	862074.63	431311.41	Aroclor-1268	0.000	0.038	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-09	12/10/1994	94344-09	soil	861937.06	430914.94	Aroclor-1268	0.000	0.037	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-05	12/10/1994	94344-05	soil	861970.06	430773.94	Aroclor-1268	0.000	0.037	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-01	12/10/1994	94344-01	soil	861788.06	430720.94	Aroclor-1268	0.000	0.037	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-04	12/10/1994	94344-04	soil	861879.06	430722.94	Aroclor-1268	0.000	0.037	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432361.06	Aroclor-1268	0.000	0.037	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
94344-02	12/10/1994	94344-02	soil	861788.06	430720.94	Aroclor-1268	0.000	0.036	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-14	12/10/1994	94344-14	soil	862025.56	431089.34	Aroclor-1268	0.000	0.036	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94343-08	12/9/1994	94343-08	soil	861947.06	430994.94	Aroclor-1268	0.000	0.036	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-13	12/10/1994	94344-13	soil	862045.06	430979.94	Aroclor-1268	0.000	0.036	2.00	3.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
94344-10	12/10/1994	94344-10	soil	862029.06	430895.94	Aroclor-1268	0.000	0.035	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
97162-M103	6/11/1997	97162-M103	soil	861842.06	431283.94	Aroclor-1268	0.000	0.035	1.50	3.00	1	0	comp	Post excavation bottom 3-point		MSA		0	Sav	replace with 1/2 DL
97162-M101	6/11/1997	97162-M101	soil	861878.06	431263.94	Aroclor-1268	0.000	0.035	1.50	3.00	1	0	comp	Post excavation bottom 4-point		MSA		0	Sav	replace with 1/2 DL
94344-12	12/10/1994	94344-12	soil	862045.06	430979.94	Aroclor-1268	0.000	0.035	0.00	1.00	0	0	grab	Proposed Containment Cell Area		MSA		0	Eco	replace with 1/2 DL
96346-RI-15	12/11/1996	96346-RI-15	soil	863036.63	433816.41	Aroclor-1268	0.000	0.035	0.00	1.00	0	0	comp/grab	phase II upland soil sample		DIT		0	Cor	replace with 1/2 DL
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Aroclor-1268	0.000	0.034	2.50	2.50	0	0	grab					0	Eco	replace with 1/2 DL
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Aroclor-1268	0.000	0.020	2.50	2.50	0	0	comp	N sample, W of imp. 1		SRA	BAC	0	Eco	replace with 1/2 DL
99074-USC-15	3/15/1999	99074-usc-15	soil	861348.13	432121.94	Aroclor-1268	0.000	0.017	0.00	0.02	1	0	comp	area under OHM pool #2		FFDA		0	Kem	replace with 1/2 DL
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Aroclor-1268	0.000	0.002	2.00	4.00	0	0	grab		May 2009 Upland Soill Sampling			0	CAS	replace with 1/2 DL
09129-SL2-2.5-4	5/9/2009	SL-2	soil	862062.06	431505.41	Aroclor-1268	0.000	0.002	2.50	4.00	0	0	grab		May 2009 Upland Soill Sampling			0	CAS	replace with 1/2 DL
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Aroclor-1268	0.000	0.002	0.00	2.00	0	0	grab		May 2009 Upland Soill Sampling			0	CAS	replace with 1/2 DL

Notes: suggested to omit this data record due to extremely elevated detection limit

suggested to replace these data records with the lowest detection limit of the offsite labs (0.41 ppm)

Table 3. Summary of Non Detects for Benzo(a)Pyrene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
LC-202-SLB	10/17/1994	LC-202	soil	861909.58	433172.88	Benzo(a)pyrene	0.000	54.000	2.00	3.00	0	0	comp	Characterization			0	ESD	omit on basis of elevated DL
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Benzo(a)pyrene	0.000	45.000	0.00	1.00	0	0	comp	Characterization		NREA	0	ESD	omit on basis of elevated DL
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Benzo(a)pyrene	0.000	13.000	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Benzo(a)pyrene	0.000	11.400	2.50	2.50	0	0	grab				0	Eco	omit on basis of elevated DL
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Benzo(a)pyrene	0.000	10.000	2.00	3.00	0	0	comp	Characterization		NREA	0	ESD	omit on basis of elevated DL
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432573.91	Benzo(a)pyrene	0.000	9.800	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Benzo(a)pyrene	0.000	9.800	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Benzo(a)pyrene	0.000	9.800	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Benzo(a)pyrene	0.000	9.300	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Benzo(a)pyrene	0.000	9.100	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Benzo(a)pyrene	0.000	8.700	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-213-SLA	10/15/1994	LC-213	soil	862957.13	432525.91	Benzo(a)pyrene	0.000	8.500	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Benzo(a)pyrene	0.000	8.300	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Benzo(a)pyrene	0.000	8.300	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Benzo(a)pyrene	0.000	8.300	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-206-SLA	10/14/1994	LC-206	soil	863061.13	432474.91	Benzo(a)pyrene	0.000	8.100	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Benzo(a)pyrene	0.000	7.800	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Benzo(a)pyrene	0.000	7.100	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-213-SLB	10/15/1994	LC-213	soil	862957.13	432525.91	Benzo(a)pyrene	0.000	7.100	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Benzo(a)pyrene	0.000	6.840	2.50	3.50	1	0	comp	post excvation bottom 5-pt			0	QAL	omit on basis of elevated DL
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Benzo(a)pyrene	0.000	6.800	0.00	1.00	0	0	comp				0	ESD	omit on basis of elevated DL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433380.94	Benzo(a)pyrene	0.000	6.110	3.50	4.00	1	0	comp	post excavation bottom 3-pt			0	QAL	omit on basis of elevated DL
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Benzo(a)pyrene	0.000	5.900	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Benzo(a)pyrene	0.000	5.900	2.00	3.00	0	0	comp				0	ESD	omit on basis of elevated DL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Benzo(a)pyrene	0.000	5.810	1.50	3.00	1	0	comp	post excavation bottom 4-pt			0	QAL	omit on basis of elevated DL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433196.69	Benzo(a)pyrene	0.000	5.540	0.00	3.00	2	0	comp	post excavaion north sidewall 3-pt			0	QAL	omit on basis of elevated DL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Benzo(a)pyrene	0.000	5.530	1.00	2.00	1	0	comp	post excavation upper bottom 3-pt			0	QAL	omit on basis of elevated DL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Benzo(a)pyrene	0.000	5.420	0.00	4.00	2	0	comp	post excavation east sidewall 3-pt			0	QAL	omit on basis of elevated DL
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)pyrene	0.000	5.100	1.57	1.77	0	0					0	REA	omit on basis of elevated DL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Benzo(a)pyrene	0.000	4.100	3.00	5.00	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL	omit on basis of elevated DL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Benzo(a)pyrene	0.000	3.980	3.00	5.00	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL	omit on basis of elevated DL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Benzo(a)pyrene	0.000	3.600	2.00	3.00	0	0	comp	5-pt composite samples			0	QAL	omit on basis of elevated DL
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)pyrene	0.000	3.400	0.00	0.20	0	0					0	REA	omit on basis of elevated DL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Benzo(a)pyrene	0.000	3.260	0.00	0.10	0	0	grab	soil @ concrete tank supports		NREA	0	QAL	omit on basis of elevated DL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Benzo(a)pyrene	0.000	3.100	0.00	6.00	2	0	comp	post excavation south sidewall brown gray sand ome brick material hydrocarbon odor			0	QAL	omit on basis of elevated DL
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Benzo(a)pyrene	0.000	2.800	0.59	0.79	0	0					0	REA	omit on basis of elevated DL
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Benzo(a)pyrene	0.000	2.270	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Benzo(a)pyrene	0.000	2.260	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Benzo(a)pyrene	0.000	2.200	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Benzo(a)pyrene	0.000	2.140	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Benzo(a)pyrene	0.000	2.010	0.00	4.50	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL	use 1/2 DL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Benzo(a)pyrene	0.000	1.900	2.00	3.00	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Benzo(a)pyrene	0.000	1.870	3.00	4.00	1	0	comp	post excavation east half bottom 4-pt			0	QAL	use 1/2 DL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Benzo(a)pyrene	0.000	1.600	0.00	3.50	2	0	comp	post excavaion south sidewall 3-pt			0	QAL	use 1/2 DL
96198-M56	7/16/1996	96198-M56	soil	861989.25	431581.72	Benzo(a)pyrene	0.000	1.600	2.00	4.00	1	0	comp	post excavation north half bottom 4-pt			0	QAL	use 1/2 DL
97067-BCF-08	2/26/1997	97067-BCF-08	soil	861967.13	432415.94	Benzo(a)pyrene	0.000	1.580	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Benzo(a)pyrene	0.000	1.460	2.00	2.50	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Benzo(a)pyrene	0.000	1.460	3.00	4.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
950205-PB38-1	7/24/1995	PB-38	soil	861536.13	432383.94	Benzo(a)pyrene	0.000	1.260	3.00	3.00	0	0	grab	Center of BAC Trace			0	Eco	use 1/2 DL
96170-NRA-36	6/16/1996	96170-NRA-36	soil	861776.06	432876.59	Benzo(a)pyrene	0.000	1.200	2.00	2.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
950313-01	11/9/1995	950313-01	soil	861133.81	431689.44	Benzo(a)pyrene	0.000	1.100	2.50	3.50	1	0	comp	Post Excavation Bottom 2-pt			0	Pac	use 1/2 DL
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Benzo(a)pyrene	0.000	0.780	4.50	5.50	1	0	comp	Post Excavation (Bottom Clay)			0	Pac	use 1/2 DL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Benzo(a)pyrene	0.000	0.740	3.50	4.50	1	0	comp	post excvation bottom 5-pt			0	QAL	use 1/2 DL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Benzo(a)pyrene	0.000	0.720	2.00	3.00	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
96348-RI-15	12/11/1996	96348-RI-15	soil	863038.63	433816.41	Benzo(a)pyrene	0.000	0.710	0.00	1.00	0	0	comp/grab	phase II upland soil sample			0	Cor	use 1/2 DL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Benzo(a)pyrene	0.000	0.700	0.00	6.00	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Benzo(a)pyrene	0.000	0.680	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Benzo(a)pyrene	0.000	0.520	4.00	6.00	0	0	grab				0	Col	use 1/2 DL
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Benzo(a)pyrene	0.000	0.505	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
96302-NRA-130	10/29/1996	96302-NRA-130	soil	861933.69	433322.19	Benzo(a)pyrene	0.000	0.470	3.00	4.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
950241-SA4	9/29/1995	950241-SA4	soil	861409.13	432440.94	Benzo(a)pyrene	0.000	0.460	2.00	3.00	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac	use 1/2 DL
950242-SA6	9/30/1995	950242-SA6	soil	861502.13	432511.94	Benzo(a)pyrene	0.000	0.460	0.00	1.00	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
950227-PB83-2	9/15/1995	PB-83	soil	861925.69	433172.75	Benzo(a)pyrene	0.000	0.440	3.50	4.50	0	0	grab	North disposal area			0	Pac	use 1/2 DL
950241-SA3	9/29/1995	950241-SA3	soil	861409.13	432440.94	Benzo(a)pyrene	0.000	0.430	0.00	1.00	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac	use 1/2 DL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Benzo(a)pyrene	0.000	0.430	0.00	2.50	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.72	Benzo(a)pyrene	0.000	0.430	0.00	5.00	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL	use 1/2 DL
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Benzo(a)pyrene	0.000	0.430	2.00	4.00	0	0	grab			BAC	0	Col	use 1/2 DL
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Benzo(a)pyrene	0.000	0.430	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Benzo(a)pyrene	0.000	0.430	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Benzo(a)pyrene	0.000	0.420	3.00	5.00	1	0	comp	post excavation 3-pt			0	Pac	use 1/2 DL
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Benzo(a)pyrene	0.000	0.420	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Benzo(a)pyrene	0.000	0.420	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Benzo(a)pyrene	0.000	0.420	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
GPT-52-2	3/24/1995	GPT-52	soil	861948.00	432800.50	Benzo(a)pyrene	0.000	0.420	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Benzo(a)pyrene	0.000	0.420	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
WD01-4	5/11/1995	WD01-4	soil	862077.13	433058.94	Benzo(a)pyrene	0.000	0.420	4.00	5.00	0	0	grab				0	Col	use 1/2 DL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Benzo(a)pyrene	0.000	0.420	2.00	3.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Benzo(a)pyrene	0.000	0.420	2.00	3.00	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Benzo(a)pyrene	0.000	0.414	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Benzo(a)pyrene	0.000	0.410	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Benzo(a)pyrene	0.000	0.410	1.00	3.00	0	0	grab				0	Col	use 1/2 DL
LC-613-SLB	11/30/1994	LC-613	soil	862598.13	432403.91	Benzo(a)pyrene	0.000	0.410	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Benzo(a)pyrene	0.000	0.410	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Benzo(a)pyrene	0.000	0.410	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430606.94	Benzo(a)pyrene	0.000	0.410	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Benzo(a)pyrene	0.000	0.410	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430677.94	Benzo(a)pyrene	0.000	0.410	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Benzo(a)pyrene	0.000	0.410	0.00	1.00	0	0	grab	hand auger boring samples south of north removall area			0	QAL	use 1/2 DL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432974.28	Benzo(a)pyrene	0.000	0.410	0.00	5.00	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL	use 1/2 DL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Benzo(a)pyrene	0.000	0.410	3.00	4.00	1	0	comp	post ex bottom 4 pt.			0	QAL	use 1/2 DL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.94	Benzo(a)pyrene	0.000	0.410	3.00	4.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Benzo(a)pyrene	0.000	0.410	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97008-NRA-157	1/8/1997	97008-NRA-157	soil	862171.44	433300.13	Benzo(a)pyrene	0.000	0.410	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Benzo(a)pyrene	0.000	0.410	4.00	4.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97099-M76	4/9/1997	97099-M76	soil	861954.06	431615.94	Benzo(a)pyrene	0.000	0.410	3.00	3.50	1	0	comp	post excavation 2-pt bottom			0	QAL	use 1/2 DL
97106-WDI-32	4/16/1997	97106-WDI-32	soil	862127.13	433156.94	Benzo(a)pyrene	0.000	0.410	2.50	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Benzo(a)pyrene	0.000	0.403	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
98232-NRA-64	8/19/1996	98232-NRA-64	soil	861907.94	432676.00	Benzo(a)pyrene	0.000	0.400	2.50	3.00	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL	use 1/2 DL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	grab	light grey, wet sand			0	QAL	use 1/2 DL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL	use 1/2 DL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	grab	tan sand with rust stains, moist			0	QAL	use 1/2 DL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Benzo(a)pyrene	0.000	0.400	4.00	5.00	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL	use 1/2 DL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Benzo(a)pyrene	0.000	0.400	3.00	4.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Benzo(a)pyrene	0.000	0.400	3.00	4.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp/grab	brown wet sand			0	QAL	use 1/2 DL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Benzo(a)pyrene	0.000	0.400	2.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Benzo(a)pyrene	0.000	0.400	2.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Benzo(a)pyrene	0.000	0.400	2.50	2.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Benzo(a)pyrene	0.000	0.400	2.50	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Benzo(a)pyrene	0.000	0.400	2.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL

Table 3. Summary of Non Detects for Benzo(a)Pyrene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862666.00	433346.06	Benzo(a)pyrene	0.000	0.400	2.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Benzo(a)pyrene	0.000	0.400	2.00	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Benzo(a)pyrene	0.000	0.400	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Benzo(a)pyrene	0.000	0.400	0.00	3.00	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL	use 1/2 DL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Benzo(a)pyrene	0.000	0.400	4.00	4.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.19	Benzo(a)pyrene	0.000	0.400	4.00	5.00	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Benzo(a)pyrene	0.000	0.400	3.00	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97105-WDI-28	4/15/1997	97105-WDI-28	soil	862123.13	433061.94	Benzo(a)pyrene	0.000	0.400	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97111-WDI-34	4/21/1997	97111-WDI-34	soil	862072.13	433091.94	Benzo(a)pyrene	0.000	0.400	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Benzo(a)pyrene	0.000	0.400	4.50	5.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431378.34	Benzo(a)pyrene	0.000	0.400	4.00	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Benzo(a)pyrene	0.000	0.400	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Benzo(a)pyrene	0.000	0.400	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Benzo(a)pyrene	0.000	0.400	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Benzo(a)pyrene	0.000	0.399	0.00	1.00	0	0	comp	NW area			0	Eco	use 1/2 DL
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Benzo(a)pyrene	0.000	0.399	0.00	1.00	0	0	comp	SE area			0	Eco	use 1/2 DL
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Benzo(a)pyrene	0.000	0.399	1.10	2.00	0	0	comp	SW area			0	Eco	use 1/2 DL
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Benzo(a)pyrene	0.000	0.399	0.00	1.00	0	0	comp	W area			0	Eco	use 1/2 DL
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Benzo(a)pyrene	0.000	0.399	2.50	2.50	0	0	comp	N sample, W of imp. 1		BAC	0	Eco	use 1/2 DL
950228-SA1-1	9/17/1995	950228-SA1-1	soil	861376.13	432433.94	Benzo(a)pyrene	0.000	0.390	0.00	1.00	0	0	grab	Surficial Anomoly		SAN	0	Pac	use 1/2 DL
96348-NRA-145	12/11/1996	96348-NRA-145	soil	862049.13	433295.75	Benzo(a)pyrene	0.000	0.390	3.00	5.50	1	0	comp	post excavation 5-pt bottom			0	Cor	use 1/2 DL
96348-RI-18	12/11/1996	96348-RI-18	soil	862538.56	431586.41	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	comp/grab	phase II upland soil sample			0	Cor	use 1/2 DL
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Benzo(a)pyrene	0.000	0.390	0.00	2.00	0	0	grab				0	Col	use 1/2 DL
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Benzo(a)pyrene	0.000	0.390	2.00	4.00	0	0	grab				0	Sav	use 1/2 DL
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431909.91	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
WDI2-4	1/11/1995	WDI2-4	soil	862147.13	433049.94	Benzo(a)pyrene	0.000	0.390	4.00	5.00	0	0	grab				0	Col	use 1/2 DL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Benzo(a)pyrene	0.000	0.390	0.00	3.50	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL	use 1/2 DL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Benzo(a)pyrene	0.000	0.390	4.00	4.50	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	light brown sand with rust colored material, moist			0	QAL	use 1/2 DL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL	use 1/2 DL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL	use 1/2 DL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	tan wet sand			0	QAL	use 1/2 DL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL	use 1/2 DL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	tan sand with black stains, wet			0	QAL	use 1/2 DL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	tan/orange wet sand			0	QAL	use 1/2 DL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Benzo(a)pyrene	0.000	0.390	1.50	2.00	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL	use 1/2 DL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861979.88	433446.69	Benzo(a)pyrene	0.000	0.390	3.50	4.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Benzo(a)pyrene	0.000	0.390	3.50	4.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Benzo(a)pyrene	0.000	0.390	1.50	2.00	1	0	comp	post excavation 3-pt bottom			0	QAL	use 1/2 DL
96316-SRY-39	11/11/1996	96316-SRY-39	soil	861964.81	432130.69	Benzo(a)pyrene	0.000	0.390	1.50	2.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96331-NRA-132	11/26/1996	96331-NRA-132	soil	861974.31	433364.56	Benzo(a)pyrene	0.000	0.390	2.00	2.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	comp/grab	brown and gray wet sand			0	QAL	use 1/2 DL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Benzo(a)pyrene	0.000	0.390	2.00	2.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862065.81	433276.09	Benzo(a)pyrene	0.000	0.390	2.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Benzo(a)pyrene	0.000	0.390	4.00	4.00	1	0	grab	post excavation bottom		NREA	0	QAL	use 1/2 DL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Benzo(a)pyrene	0.000	0.390	1.50	2.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Benzo(a)pyrene	0.000	0.390	2.00	2.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97023-01	1/23/1997	97023-01	soil	862262.13	432401.91	Benzo(a)pyrene	0.000	0.390	3.50	4.00	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL	use 1/2 DL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Benzo(a)pyrene	0.000	0.390	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Benzo(a)pyrene	0.000	0.390	2.50	3.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Benzo(a)pyrene	0.000	0.390	3.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Benzo(a)pyrene	0.000	0.390	2.50	3.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Benzo(a)pyrene	0.000	0.390	1.50	2.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97105-WDI-27	4/15/1997	97105-WDI-27	soil	862072.13	433058.94	Benzo(a)pyrene	0.000	0.390	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97111-WDI-35	4/21/1997	97111-WDI-35	soil	862123.13	433084.94	Benzo(a)pyrene	0.000	0.390	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Benzo(a)pyrene	0.000	0.390	4.00	4.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Benzo(a)pyrene	0.000	0.390	4.00	5.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Benzo(a)pyrene	0.000	0.390	4.50	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
950228-SA2-1	9/17/1995	950228-SA2-1	soil	861436.13	432413.94	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	grab	Surficial Anomoly		SAN	0	Pac	use 1/2 DL
950242-SA9	9/30/1995	950242-SA9	soil	861547.13	432593.94	Benzo(a)pyrene	0.000	0.380	0.00	1.00	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Benzo(a)pyrene	0.000	0.380	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
96204-M68	7/22/1996	96204-M68	soil	861993.25	431630.84	Benzo(a)pyrene	0.000	0.380	0.00	4.00	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Benzo(a)pyrene	0.000	0.380	0.00	1.00	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
96239-NRA-74	9/26/1996	96239-NRA-74	soil	861999.56	433484.09	Benzo(a)pyrene	0.000	0.380	2.50	3.50	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL	use 1/2 DL
96248-05	9/4/1996	96248-05	soil	861974.13	433580.94	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL	use 1/2 DL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL	use 1/2 DL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	grab	tan sand stained with dark stains, moist			0	QAL	use 1/2 DL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Benzo(a)pyrene	0.000	0.380	3.00	3.00	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL	use 1/2 DL
96283-CPS-01	10/9/1996	96283-CPS-01	soil	861568.06	432097.94	Benzo(a)pyrene	0.000	0.380	0.50	1.00	1	0	comp	post excavation, 5-pt composite			0	QAL	use 1/2 DL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Benzo(a)pyrene	0.000	0.380	1.00	1.00	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Benzo(a)pyrene	0.000	0.380	4.50	6.00	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Benzo(a)pyrene	0.000	0.380	1.50	2.00	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL	use 1/2 DL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	comp/grab	light brown sand, one point stained black			0	QAL	use 1/2 DL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	comp/grab	brown and gray wet sand			0	QAL	use 1/2 DL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	comp/grab	brown sand, pine wood bark			0	QAL	use 1/2 DL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Benzo(a)pyrene	0.000	0.380	1.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Benzo(a)pyrene	0.000	0.380	2.00	3.00	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Benzo(a)pyrene	0.000	0.380	2.00	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Benzo(a)pyrene	0.000	0.380	2.00	3.00	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
97066-02	5/7/1997	97066-02	soil	862180.13	433091.94	Benzo(a)pyrene	0.000	0.380	0.00	0.10	0	0	grab	soil @ concrete tank supports		NREA	0	QAL	use 1/2 DL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Benzo(a)pyrene	0.000	0.380	3.50	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Benzo(a)pyrene	0.000	0.380	2.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Benzo(a)pyrene	0.000	0.380	3.50	3.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Benzo(a)pyrene	0.000	0.380	3.50	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Benzo(a)pyrene	0.000	0.380	4.50	5.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Benzo(a)pyrene	0.000	0.380	4.00	4.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Benzo(a)pyrene	0.000	0.380	4.50	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
950228-SA2	9/17/1995	950228-SA2	soil	861436.13	432413.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	Surficial Anomoly		SAN	0	Pac	use 1/2 DL
950235-OST-19	9/23/1995	OST-19	soil	861550.06	430798.94	Benzo(a)pyrene	0.000	0.370	0.00	1.00	0	0	grab	W. Side OST Area			0	Pac	use 1/2 DL
950242-SA7	9/30/1995	950242-SA7	soil	861502.13	432511.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac	use 1/2 DL
950242-SA8	9/30/1995	950242-SA8	soil	861498.13	432615.94	Benzo(a)pyrene	0.000	0.370	0.00	1.00	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Benzo(a)pyrene	0.000	0.370	1.00	1.25	1	0	comp	post excsation bottom 5-pt			0	QAL	use 1/2 DL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Benzo(a)pyrene	0.000	0.370	0.00	1.00	2	0	comp	post excavation west sidewall 3-pt			0	QAL	use 1/2 DL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Benzo(a)pyrene	0.000	0.370	1.00	1.50	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL

Table 3. Summary of Non Detects for Benzo(a)Pyrene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Benzo(a)pyrene	0.000	0.370	3.00	4.00	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Benzo(a)pyrene	0.000	0.370	0.00	3.50	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL	use 1/2 DL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	gray to dark brown sand			0	QAL	use 1/2 DL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	brown moist sand			0	QAL	use 1/2 DL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	brown wet sand			0	QAL	use 1/2 DL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	tan moist sand			0	QAL	use 1/2 DL
96261-19	9/17/1996	96261-19	soil	862214.50	432963.63	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	tan moist sand			0	QAL	use 1/2 DL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL	use 1/2 DL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Benzo(a)pyrene	0.000	0.370	1.50	2.00	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL	use 1/2 DL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Benzo(a)pyrene	0.000	0.370	1.50	2.00	1	0	comp/grab	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Benzo(a)pyrene	0.000	0.370	0.00	2.00	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Benzo(a)pyrene	0.000	0.370	0.00	1.00	0	0	comp/grab	phase II upland soil sample			0	QAL	use 1/2 DL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Benzo(a)pyrene	0.000	0.370	2.50	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Benzo(a)pyrene	0.000	0.370	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Benzo(a)pyrene	0.000	0.370	1.00	2.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	characterization NE corner locker room			0	QAL	use 1/2 DL
97042-05	2/11/1997	97042-05	soil	862302.06	431985.91	Benzo(a)pyrene	0.000	0.370	2.00	3.00	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Benzo(a)pyrene	0.000	0.370	3.00	3.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Benzo(a)pyrene	0.000	0.370	0.00	3.50	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Benzo(a)pyrene	0.000	0.370	2.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Benzo(a)pyrene	0.000	0.370	3.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Benzo(a)pyrene	0.000	0.370	3.00	3.00	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Benzo(a)pyrene	0.000	0.370	3.50	3.50	1	0	comp	post excavation 2-pt bottom			0	QAL	use 1/2 DL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433033.94	Benzo(a)pyrene	0.000	0.370	3.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Benzo(a)pyrene	0.000	0.370	2.50	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Benzo(a)pyrene	0.000	0.370	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Benzo(a)pyrene	0.000	0.370	3.00	5.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Benzo(a)pyrene	0.000	0.370	4.00	4.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Benzo(a)pyrene	0.000	0.370	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97125-M61	5/5/1997	97125-M61	soil	861817.75	431511.25	Benzo(a)pyrene	0.000	0.370	3.50	3.50	2	0	grab	post excavation W sidewall			0	QAL	use 1/2 DL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Benzo(a)pyrene	0.000	0.370	4.00	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Benzo(a)pyrene	0.000	0.370	4.00	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Benzo(a)pyrene	0.000	0.370	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432981.06	Benzo(a)pyrene	0.000	0.366	2.50	2.50	0	0	grab				0	Eco	use 1/2 DL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861056.88	430670.06	Benzo(a)pyrene	0.000	0.360	1.00	1.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Benzo(a)pyrene	0.000	0.360	0.00	1.00	2	0	comp	post excavation west sidewall 3-pt			0	QAL	use 1/2 DL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431585.63	Benzo(a)pyrene	0.000	0.360	2.00	4.00	1	0	comp	post exovation bottom 4-pt			0	QAL	use 1/2 DL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Benzo(a)pyrene	0.000	0.360	1.00	2.00	0	0	grab	hand auger boring samples south of north removall area			0	QAL	use 1/2 DL
96207-06	7/25/1996	96207-06	soil	861691.13	432698.94	Benzo(a)pyrene	0.000	0.360	1.00	2.00	0	0	grab	hand auger boring samples south of north removall area			0	QAL	use 1/2 DL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	tan to brown sand		SBC	0	QAL	use 1/2 DL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Benzo(a)pyrene	0.000	0.360	0.00	4.00	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL	use 1/2 DL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	tan, moist sand			0	QAL	use 1/2 DL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	grab	tan sand with traces of rust material			0	QAL	use 1/2 DL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	tan moist sand			0	QAL	use 1/2 DL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	brown sand, trace grey sand			0	QAL	use 1/2 DL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	tan/orange sand with rust stains			0	QAL	use 1/2 DL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL	use 1/2 DL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	dark brown wet sand			0	QAL	use 1/2 DL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	brown wet sand			0	QAL	use 1/2 DL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433133.13	Benzo(a)pyrene	0.000	0.360	0.00	1.30	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL	use 1/2 DL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Benzo(a)pyrene	0.000	0.360	1.00	4.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Benzo(a)pyrene	0.000	0.360	0.00	1.00	2	0	comp	post excavation 3-pt east sidewall			0	QAL	use 1/2 DL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	dark brown sand			0	QAL	use 1/2 DL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Benzo(a)pyrene	0.000	0.360	1.70	1.70	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Benzo(a)pyrene	0.000	0.360	1.00	1.50	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL	use 1/2 DL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Benzo(a)pyrene	0.000	0.360	1.00	1.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	comp/grab	brown moist sand			0	QAL	use 1/2 DL
96331-RI-11	11/27/1996	96331-RI-11	soil	862936.56	431616.41	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	comp/grab	brown & grey loamy sand			0	QAL	use 1/2 DL
96331-SD-13	11/26/1996	96331-SD-13	soil	860015.06	429669.03	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	comp/grab	brown sand, pine wood bark			0	QAL	use 1/2 DL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Benzo(a)pyrene	0.000	0.360	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Benzo(a)pyrene	0.000	0.360	2.50	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Benzo(a)pyrene	0.000	0.360	2.00	3.50	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Benzo(a)pyrene	0.000	0.360	4.00	4.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Benzo(a)pyrene	0.000	0.360	0.00	1.70	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Benzo(a)pyrene	0.000	0.360	0.00	1.80	2	0	comp	post excavation east sidewall 3-pt			0	QAL	use 1/2 DL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Benzo(a)pyrene	0.000	0.360	0.00	4.00	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Benzo(a)pyrene	0.000	0.360	3.00	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Benzo(a)pyrene	0.000	0.360	0.00	2.00	2	0	comp	post excavation 3-pt S sidewall			0	QAL	use 1/2 DL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Benzo(a)pyrene	0.000	0.360	1.50	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Benzo(a)pyrene	0.000	0.360	0.00	2.50	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Benzo(a)pyrene	0.000	0.360	2.50	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Benzo(a)pyrene	0.000	0.360	2.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Benzo(a)pyrene	0.000	0.360	3.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Benzo(a)pyrene	0.000	0.360	0.00	4.00	2	0	comp	post excavation 3-pt S sidewall			0	QAL	use 1/2 DL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Benzo(a)pyrene	0.000	0.360	2.50	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.69	431477.16	Benzo(a)pyrene	0.000	0.360	2.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Benzo(a)pyrene	0.000	0.360	2.00	4.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431582.94	Benzo(a)pyrene	0.000	0.360	3.50	4.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Benzo(a)pyrene	0.000	0.360	2.50	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Benzo(a)pyrene	0.000	0.360	4.00	5.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-M79	4/30/1997	97120-M79	soil	862126.25	431599.13	Benzo(a)pyrene	0.000	0.360	4.50	4.50	1	0	comp	post excavation bottom 2-pt			0	QAL	use 1/2 DL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861337.56	431594.25	Benzo(a)pyrene	0.000	0.360	0.00	4.50	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Benzo(a)pyrene	0.000	0.360	1.00	1.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Benzo(a)pyrene	0.000	0.360	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Benzo(a)pyrene	0.000	0.360	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
950235-OST-31	9/23/1995	OST-31	soil	861906.06	430883.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	W. Side OST Area			0	Pac	use 1/2 DL
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	comp				0	ESD	use 1/2 DL
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	comp				0	ESD	use 1/2 DL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Benzo(a)pyrene	0.000	0.350	3.00	6.00	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL	use 1/2 DL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Benzo(a)pyrene	0.000	0.350	1.00	2.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	grab	light brown sand		SBC	0	QAL	use 1/2 DL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	grab	wet brown sand		SBC	0	QAL	use 1/2 DL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	brown sand		SBC	0	QAL	use 1/2 DL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	grab	wet brown sand, trace clay		SBC	0	QAL	use 1/2 DL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Benzo(a)pyrene	0.000	0.350	2.50	4.50	1	0	comp	post excavation bottom 4-pt, dark grey sand, hydrocarbon odor			0	QAL	use 1/2 DL

Table 3. Summary of Non Detects for Benzo(a)Pyrene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96240-NRA-85	9/27/1996	96240-NRA-85	soil	861782.69	433021.28	Benzo(a)pyrene	0.000	0.350	3.00	4.00	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	grab	brown sand, moist			0	QAL	use 1/2 DL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Benzo(a)pyrene	0.000	0.350	2.50	3.50	0	0	grab	wet brown sand			0	QAL	use 1/2 DL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Benzo(a)pyrene	0.000	0.350	0.50	1.30	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	grab	tan sand			0	QAL	use 1/2 DL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	brown sand with some root mass			0	QAL	use 1/2 DL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	tan sand with trace amount of roots			0	QAL	use 1/2 DL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Benzo(a)pyrene	0.000	0.350	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96262-01	9/18/1996	96262-01	soil	862251.00	432583.44	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	brown sand with trace hardened black material			0	QAL	use 1/2 DL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.63	Benzo(a)pyrene	0.000	0.350	0.00	0.50	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL	use 1/2 DL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	light brown loamy sand			0	QAL	use 1/2 DL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Benzo(a)pyrene	0.000	0.350	1.00	1.50	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL	use 1/2 DL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Benzo(a)pyrene	0.000	0.350	1.50	3.00	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL	use 1/2 DL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Benzo(a)pyrene	0.000	0.350	1.50	1.50	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.09	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	comp/grab	brown wet sand			0	QAL	use 1/2 DL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Benzo(a)pyrene	0.000	0.350	0.00	3.00	2	0	comp	post excavation side wall		NREA	0	QAL	use 1/2 DL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Benzo(a)pyrene	0.000	0.350	0.00	2.00	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL	use 1/2 DL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Benzo(a)pyrene	0.000	0.350	2.00	2.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Benzo(a)pyrene	0.000	0.350	0.50	0.50	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97034-01	2/3/1997	97034-01	soil	862228.19	432283.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	characterization west side boiler house			0	QAL	use 1/2 DL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Benzo(a)pyrene	0.000	0.350	2.00	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Benzo(a)pyrene	0.000	0.350	0.00	1.00	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Benzo(a)pyrene	0.000	0.350	3.00	3.00	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861986.13	432663.94	Benzo(a)pyrene	0.000	0.350	0.00	2.50	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Benzo(a)pyrene	0.000	0.350	0.00	3.00	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Benzo(a)pyrene	0.000	0.350	1.50	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Benzo(a)pyrene	0.000	0.350	2.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861985.13	433071.94	Benzo(a)pyrene	0.000	0.350	1.50	3.00	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861990.13	433109.94	Benzo(a)pyrene	0.000	0.350	1.50	3.00	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Benzo(a)pyrene	0.000	0.350	1.50	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Benzo(a)pyrene	0.000	0.350	2.50	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Benzo(a)pyrene	0.000	0.350	3.00	3.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Benzo(a)pyrene	0.000	0.350	0.10	0.10	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Benzo(a)pyrene	0.000	0.350	1.00	1.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Benzo(a)pyrene	0.000	0.350	1.25	2.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Benzo(a)pyrene	0.000	0.350	1.25	2.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Benzo(a)pyrene	0.000	0.350	1.50	6.00	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Benzo(a)pyrene	0.000	0.350	2.00	2.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Benzo(a)pyrene	0.000	0.350	4.00	4.25	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Benzo(a)pyrene	0.000	0.350	4.00	4.25	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861099.06	430568.84	Benzo(a)pyrene	0.000	0.340	2.50	3.50	1	0	comp	post excavation bottom clinker 5-pt			0	QAL	use 1/2 DL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Benzo(a)pyrene	0.000	0.340	2.50	3.50	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96190-M52	7/8/1996	96190-M52	soil	861935.94	431231.44	Benzo(a)pyrene	0.000	0.340	1.00	3.00	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Benzo(a)pyrene	0.000	0.340	2.00	3.00	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Benzo(a)pyrene	0.000	0.340	1.50	3.00	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96234-09	9/21/1996	96234-09	soil	861429.06	430948.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96235-08	9/22/1996	96235-08	soil	862200.13	432405.94	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	grab	wet brown sand		SBC	0	QAL	use 1/2 DL
96235-09	9/22/1996	96235-09	soil	862183.13	432383.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	brown sand		SBC	0	QAL	use 1/2 DL
96235-10	9/22/1996	96235-10	soil	862183.13	432383.94	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	grab	wet brown sand		SBC	0	QAL	use 1/2 DL
96235-NREA-66	9/22/1996	96235-NREA-66	soil	861869.13	432676.94	Benzo(a)pyrene	0.000	0.340	1.00	1.00	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL	use 1/2 DL
96239-NRA-80	9/26/1996	96239-NRA-80	soil	861910.06	433263.84	Benzo(a)pyrene	0.000	0.340	0.00	3.00	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL	use 1/2 DL
96240-NRA-83	9/27/1996	96240-NRA-83	soil	861863.88	433087.44	Benzo(a)pyrene	0.000	0.340	0.00	3.50	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL	use 1/2 DL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	dark brown sand with some loamy materia			0	QAL	use 1/2 DL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	grab	tan sand			0	QAL	use 1/2 DL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	grab	gray to brown sand			0	QAL	use 1/2 DL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL	use 1/2 DL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	brown to tan sand			0	QAL	use 1/2 DL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL	use 1/2 DL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	tan sand with rust stains			0	QAL	use 1/2 DL
96261-20	9/17/1996	96261-20	soil	862343.81	432825.19	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	dark brown loamy sand with root debris			0	QAL	use 1/2 DL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	brown to tan sand, trace black hardened material			0	QAL	use 1/2 DL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	black cinder-like material with trace debris			0	QAL	use 1/2 DL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	light brown to tan sand			0	QAL	use 1/2 DL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Benzo(a)pyrene	0.000	0.340	2.00	2.50	0	0	grab	brown sand			0	QAL	use 1/2 DL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Benzo(a)pyrene	0.000	0.340	0.50	1.00	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL	use 1/2 DL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Benzo(a)pyrene	0.000	0.340	1.50	2.00	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL	use 1/2 DL
96305-09	10/31/1996	96305-09	soil	862792.13	432488.91	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Benzo(a)pyrene	0.000	0.340	0.00	2.00	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL	use 1/2 DL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Benzo(a)pyrene	0.000	0.340	1.00	1.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	comp/grab	dark gray & brown loamy sand			0	QAL	use 1/2 DL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Benzo(a)pyrene	0.000	0.340	2.00	3.00	0	0	comp/grab	light brown-orange sand			0	QAL	use 1/2 DL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	comp/grab	brown & grey loamy sand			0	QAL	use 1/2 DL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	comp/grab	brown & light gray sand			0	QAL	use 1/2 DL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Benzo(a)pyrene	0.000	0.340	0.00	2.25	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Benzo(a)pyrene	0.000	0.340	0.50	0.50	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432889.94	Benzo(a)pyrene	0.000	0.340	1.00	2.00	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97034-07	2/3/1997	97034-07	soil	862098.13	432407.94	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	characterization NE corner locker room			0	QAL	use 1/2 DL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Benzo(a)pyrene	0.000	0.340	0.00	2.00	2	0	comp	post excavation 3-pt east sidewall			0	QAL	use 1/2 DL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Benzo(a)pyrene	0.000	0.340	0.00	1.00	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Benzo(a)pyrene	0.000	0.340	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Benzo(a)pyrene	0.000	0.340	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Benzo(a)pyrene	0.000	0.340	3.00	3.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Benzo(a)pyrene	0.000	0.340	0.00	0.10	0	0	grab	soil @ concrete tank supports		NREA	0	QAL	use 1/2 DL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Benzo(a)pyrene	0.000	0.340	1.50	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Benzo(a)pyrene	0.000	0.340	1.00	1.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Benzo(a)pyrene	0.000	0.340	2.00	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Benzo(a)pyrene	0.000	0.340	2.00	3.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Benzo(a)pyrene	0.000	0.340	1.00	2.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Benzo(a)pyrene	0.000	0.340	1.00	2.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Benzo(a)pyrene	0.000	0.340	0.00	3.00	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Benzo(a)pyrene	0.000	0.340	2.00	2.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Benzo(a)pyrene	0.000	0.340	3.00	3.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Benzo(a)pyrene	0.000	0.340	0.00	1.50	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Benzo(a)pyrene	0.000	0.340	0.00	3.50	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Benzo(a)pyrene	0.000	0.340	0.00	2.50	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Benzo(a)pyrene	0.000	0.340	3.50	4.00	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Benzo(a)pyrene	0.000	0.340	1.00	1.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Benzo(a)pyrene	0.000	0.340	0.00	1.50	2	0	comp	post excavation S sidewall 3-pt			0	QAL	use 1/2 DL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Benzo(a)pyrene	0.000	0.340	0.00	1.50	2	0	comp	post excavation N sidewall 3-pt			0	QAL	use 1/2 DL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431198.94	Benzo(a)pyrene	0.000	0.340	1.25	1.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Benzo(a)pyrene	0.000	0.340	0.00	1.50	2	0	comp	post excavation S sidewall 3-pt			0	QAL	use 1/2 DL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Benzo(a)pyrene	0.000	0.340	0.00	1.50	2	0	comp	post excavation N sidewall 3-pt			0	QAL	use 1/2 DL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Benzo(a)pyrene	0.000	0.340	4.50	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Benzo(a)pyrene	0.000	0.340	1.00	1.25	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Benzo(a)pyrene	0.000	0.340	4.00	4.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL

Table 3. Summary of Non Detects for Benzo(a)Pyrene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Benzo(a)pyrene	0.000	0.330	2.00	2.50	1	0	comp	post excavation bottom 2-pt			0	QAL	use 1/2 DL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Benzo(a)pyrene	0.000	0.330	1.00	1.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Benzo(a)pyrene	0.000	0.330	1.00	2.00	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96200-M64	7/18/1996	96200-M64	soil	861933.75	431540.94	Benzo(a)pyrene	0.000	0.330	1.50	2.50	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Benzo(a)pyrene	0.000	0.330	0.00	3.50	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL	use 1/2 DL
96204-M66	7/22/1996	96204-M66	soil	861974.75	431548.44	Benzo(a)pyrene	0.000	0.330	2.00	3.00	1	0	comp	post excvation bottom 5-pt			0	QAL	use 1/2 DL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Benzo(a)pyrene	0.000	0.330	1.00	2.00	0	0	grab	brown sand		NREA	0	QAL	use 1/2 DL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL	use 1/2 DL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Benzo(a)pyrene	0.000	0.330	1.00	2.00	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL	use 1/2 DL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	brown sand with some grey			0	QAL	use 1/2 DL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	brown sand with traces of root mass			0	QAL	use 1/2 DL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Benzo(a)pyrene	0.000	0.330	2.00	3.00	0	0	grab	light brown moist sand			0	QAL	use 1/2 DL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	dark brown sand			0	QAL	use 1/2 DL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	dark brown sand with loamy material			0	QAL	use 1/2 DL
96261-19	9/17/1996	96261-18	soil	862214.50	432953.63	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	brown sand with trace tan sand			0	QAL	use 1/2 DL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Benzo(a)pyrene	0.000	0.330	2.00	3.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Benzo(a)pyrene	0.000	0.330	3.00	4.00	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432587.31	Benzo(a)pyrene	0.000	0.330	1.00	1.30	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Benzo(a)pyrene	0.000	0.330	0.00	1.25	2	0	comp	post excavation 3-pt north sidewall			0	QAL	use 1/2 DL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	comp/grab	brown sand, organics			0	QAL	use 1/2 DL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Benzo(a)pyrene	0.000	0.330	2.00	3.00	0	0	comp/grab	light & dark brown sand			0	QAL	use 1/2 DL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Benzo(a)pyrene	0.000	0.330	2.00	3.00	0	0	comp/grab	phase II upland soil sample			0	QAL	use 1/2 DL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Benzo(a)pyrene	0.000	0.330	0.00	2.25	2	0	comp	post excavation 3-pt east sidewall			0	QAL	use 1/2 DL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Benzo(a)pyrene	0.000	0.330	1.00	2.00	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Benzo(a)pyrene	0.000	0.330	0.00	1.00	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Benzo(a)pyrene	0.000	0.330	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Benzo(a)pyrene	0.000	0.330	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Benzo(a)pyrene	0.000	0.330	1.00	2.50	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Benzo(a)pyrene	0.000	0.330	2.00	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Benzo(a)pyrene	0.000	0.330	0.00	1.50	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432584.94	Benzo(a)pyrene	0.000	0.330	1.50	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432743.94	Benzo(a)pyrene	0.000	0.330	1.00	1.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Benzo(a)pyrene	0.000	0.330	0.50	2.50	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Benzo(a)pyrene	0.000	0.330	0.00	1.00	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432948.94	Benzo(a)pyrene	0.000	0.330	0.00	4.00	2	0	comp	post excavation 3-pt S sidewall			0	QAL	use 1/2 DL
97114-SM4-32	4/24/1997	97114-SM4-32	soil	861519.69	431578.25	Benzo(a)pyrene	0.000	0.330	4.00	4.00	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Benzo(a)pyrene	0.000	0.330	0.00	1.25	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Benzo(a)pyrene	0.000	0.330	4.50	5.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Benzo(a)pyrene	0.000	0.330	3.75	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Benzo(a)pyrene	0.000	0.330	4.00	5.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97143-M97	6/23/1997	97143-M97	soil	861905.06	431276.94	Benzo(a)pyrene	0.000	0.330	3.00	4.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Benzo(a)pyrene	0.000	0.320	0.50	1.00	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Benzo(a)pyrene	0.000	0.320	1.00	1.50	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Benzo(a)pyrene	0.000	0.320	0.00	1.50	2	0	comp	post excavation south sidewall 3-pt			0	QAL	use 1/2 DL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Benzo(a)pyrene	0.000	0.320	2.00	3.50	1	0	comp	post excvation bottom 5-pt			0	QAL	use 1/2 DL
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Benzo(a)pyrene	0.000	0.320	1.00	2.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Benzo(a)pyrene	0.000	0.320	1.00	2.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Benzo(a)pyrene	0.000	0.320	1.00	2.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96219-01	8/5/1996	96218-01	soil	861319.06	430948.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	light brown sand			0	QAL	use 1/2 DL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Benzo(a)pyrene	0.000	0.320	1.00	2.00	0	0	grab	light brown sand			0	QAL	use 1/2 DL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Benzo(a)pyrene	0.000	0.320	0.00	4.00	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL	use 1/2 DL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Benzo(a)pyrene	0.000	0.320	3.50	3.50	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL	use 1/2 DL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	light brown to grey sand			0	QAL	use 1/2 DL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	light to brown sand			0	QAL	use 1/2 DL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	brown sand with some root mass			0	QAL	use 1/2 DL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	brown sand with trace tan sand			0	QAL	use 1/2 DL
96260-08	9/16/1996	96260-08	soil	862385.63	433131.56	Benzo(a)pyrene	0.000	0.320	2.00	3.00	0	0	grab	tan sand			0	QAL	use 1/2 DL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Benzo(a)pyrene	0.000	0.320	2.00	3.00	0	0	grab	tan sand			0	QAL	use 1/2 DL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	brown loamy sand			0	QAL	use 1/2 DL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	grab	brown sand			0	QAL	use 1/2 DL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	comp/grab	brown silty sand, some black granular material			0	QAL	use 1/2 DL
96325-RI-05	11/20/1996	96325-RI-05	soil	862730.63	432841.41	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	comp/grab	brown loamy sand			0	QAL	use 1/2 DL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Benzo(a)pyrene	0.000	0.320	0.00	1.00	0	0	comp/grab	brown & light tan sand			0	QAL	use 1/2 DL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Benzo(a)pyrene	0.000	0.320	0.00	3.00	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Benzo(a)pyrene	0.000	0.320	0.00	3.00	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Benzo(a)pyrene	0.000	0.320	1.00	1.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Benzo(a)pyrene	0.000	0.320	0.00	1.50	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
96190-04	7/8/1996	96190-04	soil	861097.06	431085.97	Benzo(a)pyrene	0.000	0.310	1.50	2.00	0	0	grab	berm west of brine mud impoundments			0	QAL	use 1/2 DL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Benzo(a)pyrene	0.000	0.310	0.00	3.25	2	0	comp	post excavation east sidewall 3-pt			0	QAL	use 1/2 DL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Benzo(a)pyrene	0.000	0.310	0.00	1.50	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Benzo(a)pyrene	0.000	0.310	2.00	3.00	1	0	comp	post excvation bottom 4-pt			0	QAL	use 1/2 DL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Benzo(a)pyrene	0.000	0.310	0.00	1.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Benzo(a)pyrene	0.000	0.310	0.00	1.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Benzo(a)pyrene	0.000	0.310	1.00	2.00	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Benzo(a)pyrene	0.000	0.310	1.00	2.00	0	0	grab	light brown sand			0	QAL	use 1/2 DL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861875.13	433180.94	Benzo(a)pyrene	0.000	0.310	4.00	6.00	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL	use 1/2 DL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Benzo(a)pyrene	0.000	0.310	0.00	1.00	0	0	grab	brown loamy sand with root debris			0	QAL	use 1/2 DL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Benzo(a)pyrene	0.000	0.310	1.00	1.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Benzo(a)pyrene	0.000	0.310	1.00	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Benzo(a)pyrene	0.000	0.310	0.50	1.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Benzo(a)pyrene	0.000	0.310	0.50	1.50	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96234-05	9/21/1996	96234-05	soil	861529.06	431148.94	Benzo(a)pyrene	0.000	0.300	3.00	4.00	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL	use 1/2 DL
96234-06	9/21/1996	96234-06	soil	861529.06	431048.94	Benzo(a)pyrene	0.000	0.300	0.00	1.00	0	0	grab	tan sand			0	QAL	use 1/2 DL
96234-07	9/21/1996	96234-07	soil	861529.06	431048.94	Benzo(a)pyrene	0.000	0.300	1.00	2.00	0	0	grab	tan sand			0	QAL	use 1/2 DL
96239-06	9/26/1996	96239-06	soil	861784.13	432598.94	Benzo(a)pyrene	0.000	0.300	2.00	3.00	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL	use 1/2 DL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Benzo(a)pyrene	0.000	0.300	1.00	2.00	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Benzo(a)pyrene	0.000	0.000	0.00	2.00	0	0	grab		May 2009 Upland Soil Sampling		0	CAS	use 1/2 DL
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Benzo(a)pyrene	0.000	0.000	0.50	2.50	0	0	grab		May 2009 Upland Soil Sampling		0	CAS	use 1/2 DL
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Benzo(a)pyrene	0.000	0.000	2.00	4.00	0	0	grab		May 2009 Upland Soil Sampling		0	CAS	use 1/2 DL
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Benzo(a)pyrene	0.000	0.000	0.50	2.50	0	0	grab		May 2009 Upland Soil Sampling		0	CAS	use 1/2 DL

Notes: Omit data record due to elevated detection limit (above RGO value at 10-5)

Table 4. Summary of Non Detects for Dibenzo(a)Anthracene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
LC-202-SLB	10/17/1994	LC-202	soil	861909.56	433172.88	Dibenzo(a,h)anthracene	0.000	54.000	2	3	0	0	comp	Characterization			0	ESD	omit on basis of elevated DL
LC-201-SLA	10/17/1994	LC-201	soil	861887.13	433090.94	Dibenzo(a,h)anthracene	0.000	45.000	0	1	0	0	comp	Characterization		NREA	0	ESD	omit on basis of elevated DL
LC-210-SLA	10/15/1994	LC-210	soil	863076.13	432611.91	Dibenzo(a,h)anthracene	0.000	13.000	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
950201-TT3-3	7/20/1995	TT3C	soil	861464.00	432571.94	Dibenzo(a,h)anthracene	0.000	11.400	3	3	0	0	grab				0	Eco	omit on basis of elevated DL
LC-201-SLB	10/17/1994	LC-201	soil	861887.13	433090.94	Dibenzo(a,h)anthracene	0.000	10.000	2	3	0	0	comp	Characterization		NREA	0	ESD	omit on basis of elevated DL
LC-207-SLB	10/14/1994	LC-207	soil	863031.13	432373.91	Dibenzo(a,h)anthracene	0.000	9.900	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-209-SLA	10/15/1994	LC-209	soil	863065.13	432533.91	Dibenzo(a,h)anthracene	0.000	9.800	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-216-SLB	10/17/1994	LC-216	soil	862768.13	432759.91	Dibenzo(a,h)anthracene	0.000	9.800	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-215-SLB	10/17/1994	LC-215	soil	862720.13	432458.91	Dibenzo(a,h)anthracene	0.000	9.300	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-208-SLB	10/15/1994	LC-208	soil	863061.13	432474.91	Dibenzo(a,h)anthracene	0.000	9.100	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-211-SLA	10/19/1994	LC-211	soil	863074.13	432668.91	Dibenzo(a,h)anthracene	0.000	8.700	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-213-SLA	10/15/1994	LC-213	soil	862857.13	432525.91	Dibenzo(a,h)anthracene	0.000	8.500	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-214-SLA	10/15/1994	LC-214	soil	862902.13	432685.91	Dibenzo(a,h)anthracene	0.000	8.500	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-207-SLA	10/14/1994	LC-207	soil	863031.13	432373.91	Dibenzo(a,h)anthracene	0.000	8.300	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-214-SLB	10/15/1994	LC-214	soil	862902.13	432685.91	Dibenzo(a,h)anthracene	0.000	8.300	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-216-SLA	10/17/1994	LC-216	soil	862768.13	432759.91	Dibenzo(a,h)anthracene	0.000	8.300	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
GPT-32-2	3/23/1995	GPT-32	soil	861923.13	432600.97	Dibenzo(a,h)anthracene	0.000	8.100	2	4	0	0	grab				0	Saw	omit on basis of elevated DL
LC-208-SLA	10/14/1994	LC-208	soil	863061.13	432474.91	Dibenzo(a,h)anthracene	0.000	8.100	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-210-SLB	10/15/1994	LC-210	soil	863076.13	432611.91	Dibenzo(a,h)anthracene	0.000	7.900	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-212-SLA	10/19/1994	LC-212	soil	863091.13	432776.91	Dibenzo(a,h)anthracene	0.000	7.600	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
LC-209-SLB	10/15/1994	LC-209	soil	863065.13	432533.91	Dibenzo(a,h)anthracene	0.000	7.100	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-213-SLB	10/15/1994	LC-213	soil	862857.13	432525.91	Dibenzo(a,h)anthracene	0.000	7.100	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
96205-M72	7/23/1996	96205-M72	soil	861928.00	431612.53	Dibenzo(a,h)anthracene	0.000	6.840	3	4	1	0	comp	post excvation bottom 5-pt			0	QAL	omit on basis of elevated DL
LC-204-SLA	10/17/1994	LC-204	soil	861568.06	431896.94	Dibenzo(a,h)anthracene	0.000	6.800	0	1	0	0	comp				0	ESD	omit on basis of elevated DL
96200-NRA-53	7/18/1996	96200-NRA-53	soil	861864.13	433360.94	Dibenzo(a,h)anthracene	0.000	6.110	4	4	1	0	comp	post excavation bottom 3-pt			0	QAL	omit on basis of elevated DL
LC-211-SLB	10/19/1994	LC-211	soil	863074.13	432668.91	Dibenzo(a,h)anthracene	0.000	5.900	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
LC-212-SLB	10/19/1994	LC-212	soil	863091.13	432776.91	Dibenzo(a,h)anthracene	0.000	5.900	2	3	0	0	comp				0	ESD	omit on basis of elevated DL
96197-M55	7/15/1996	96197-M55	soil	861973.00	431469.84	Dibenzo(a,h)anthracene	0.000	5.810	2	3	1	0	comp	post excavation bottom 4-pt			0	QAL	omit on basis of elevated DL
96197-NRA-50	7/15/1996	96197-NRA-50	soil	861895.06	433198.69	Dibenzo(a,h)anthracene	0.000	5.540	0	3	2	0	comp	post excavaion north sidewall 3-pt			0	QAL	omit on basis of elevated DL
96200-NRA-54	7/18/1996	96200-NRA-54	soil	861871.13	433349.94	Dibenzo(a,h)anthracene	0.000	5.530	1	2	1	0	comp	post excavation upper bottom 3-pt			0	QAL	omit on basis of elevated DL
96198-NRA-52	7/16/1996	96198-NRA-52	soil	861906.06	433169.09	Dibenzo(a,h)anthracene	0.000	5.420	0	4	2	0	comp	post excavation east sidewall 3-pt			0	QAL	omit on basis of elevated DL
113047	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Dibenzo(a,h)anthracene	0.000	5.100	2	2	0	0					0	REA	omit on basis of elevated DL
GPT-51-2	3/24/1995	GPT-51	soil	861973.25	432799.19	Dibenzo(a,h)anthracene	0.000	4.400	2	4	0	0	grab				0	Saw	omit on basis of elevated DL
96225-NRA-58	8/12/1996	96225-NRA-58	soil	861772.25	433074.09	Dibenzo(a,h)anthracene	0.000	4.100	3	5	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL	omit on basis of elevated DL
GPT-52-2	3/24/1995	GPT-52	soil	861962.75	432896.13	Dibenzo(a,h)anthracene	0.000	4.100	2	4	0	0	grab				0	Saw	omit on basis of elevated DL
96225-NRA-57	8/12/1996	96225-NRA-57	soil	861745.38	433037.00	Dibenzo(a,h)anthracene	0.000	3.980	3	5	1	0	comp	post excavation bottom 5-pt brown to black sand strong hydrocarbon odor			0	QAL	omit on basis of elevated DL
96228-09	8/15/1996	96228-09	soil	861719.13	432351.94	Dibenzo(a,h)anthracene	0.000	3.600	2	3	0	0	comp	5-pt composite samples			0	QAL	omit on basis of elevated DL
113043	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Dibenzo(a,h)anthracene	0.000	3.400	0	0	0	0					0	REA	omit on basis of elevated DL
97066-01	3/7/1997	97066-01	soil	861884.13	433065.94	Dibenzo(a,h)anthracene	0.000	3.260	0	0	0	0	grab	soil @ concrete tank supports		NREA	0	QAL	omit on basis of elevated DL
96226-NRA-61	8/13/1996	96226-NRA-61	soil	861866.00	433144.75	Dibenzo(a,h)anthracene	0.000	3.100	0	6	2	0	comp	post excavation south sidewall brown gray sand one brick material hydrocarbon odor			0	QAL	omit on basis of elevated DL
113044	10/18/1995	GIBSON CREEK 109	soil	853661.31	440185.13	Dibenzo(a,h)anthracene	0.000	2.900	1	1	0	0					0	REA	omit on basis of elevated DL
950201-TT2-3	7/20/1995	TT2C	soil	861446.25	432475.53	Dibenzo(a,h)anthracene	0.000	2.270	3	3	0	0	grab				0	Eco	use 1/2 DL
950201-TT2-5	7/20/1995	TT2W	soil	861421.38	432475.41	Dibenzo(a,h)anthracene	0.000	2.260	3	3	0	0	grab				0	Eco	use 1/2 DL
950201-TT3-1	7/20/1995	TT3W	soil	861434.50	432575.59	Dibenzo(a,h)anthracene	0.000	2.200	3	3	0	0	grab				0	Eco	use 1/2 DL
950201-TT3-5	7/20/1995	TT3E	soil	861483.31	432568.19	Dibenzo(a,h)anthracene	0.000	2.140	3	3	0	0	grab				0	Eco	use 1/2 DL
96226-NRA-59	8/13/1996	96226-NRA-59	soil	861887.94	433212.84	Dibenzo(a,h)anthracene	0.000	2.010	0	5	2	0	comp	post excavation north sidewall 3-pt dark gray sand clinker hydrocarbon odor			0	QAL	use 1/2 DL
96228-02	8/15/1996	96228-02	soil	861630.13	432359.94	Dibenzo(a,h)anthracene	0.000	1.900	2	3	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
97066-BCF-22	3/7/1997	97066-BCF-22	soil	862020.13	432679.94	Dibenzo(a,h)anthracene	0.000	1.890	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96197-NRA-48	7/15/1996	96197-NRA-48	soil	861894.06	433174.94	Dibenzo(a,h)anthracene	0.000	1.870	3	4	1	0	comp	post excavation east half bottom 4-pt			0	QAL	use 1/2 DL
97072-NCA-23	3/13/1997	97072-NCA-23	soil	862065.13	432676.94	Dibenzo(a,h)anthracene	0.000	1.800	2	5	1	0	comp	post excavation 2-pt bottom			0	QAL	use 1/2 DL
97119-SRA-142	4/29/1997	97119-SRA-142	soil	861369.88	431671.25	Dibenzo(a,h)anthracene	0.000	1.720	0	4	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
96197-NRA-51	7/15/1996	96197-NRA-51	soil	861878.69	433160.31	Dibenzo(a,h)anthracene	0.000	1.600	0	4	2	0	comp	post excavaion south sidewall 3-pt			0	QAL	use 1/2 DL
96198-M58	7/16/1996	96198-M58	soil	861989.25	431581.72	Dibenzo(a,h)anthracene	0.000	1.600	2	4	1	0	comp	post excavation north half bottom 4-pt			0	QAL	use 1/2 DL
97057-BCF-08	2/26/1997	97057-BCF-08	soil	861967.13	432415.94	Dibenzo(a,h)anthracene	0.000	1.580	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96198-M61	7/16/1996	96198-M61	soil	861923.75	431578.53	Dibenzo(a,h)anthracene	0.000	1.460	2	3	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96199-M62	7/17/1996	96199-M62	soil	861896.06	431601.34	Dibenzo(a,h)anthracene	0.000	1.460	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
950205-PB36-1	7/24/1995	PB-36	soil	861536.13	432383.94	Dibenzo(a,h)anthracene	0.000	1.260	3	3	0	0	grab	Center of BAC Trace			0	Eco	use 1/2 DL
94201-02	7/20/1994	94201-02	soil	861131.06	431275.97	Dibenzo(a,h)anthracene	0.000	1.200	0	1	0	0	comp	N sample, W of imp. 1		BAC	0	Eco	use 1/2 DL
96170-NRA-36	6/18/1996	96170-NRA-36	soil	861776.06	432876.59	Dibenzo(a,h)anthracene	0.000	1.200	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
950313-01	11/9/1995	950313-01	soil	861133.81	431889.44	Dibenzo(a,h)anthracene	0.000	1.100	3	4	1	0	comp	Post Excavation Bottom 2-pt			0	Pac	use 1/2 DL
950291-01	10/18/1995	950291-01	soil	861158.06	432064.16	Dibenzo(a,h)anthracene	0.000	0.780	5	6	1	0	comp	Post Excavation (Bottom Clay)			0	Pac	use 1/2 DL
96205-M71	7/23/1996	96205-M71	soil	861958.25	431582.94	Dibenzo(a,h)anthracene	0.000	0.740	4	5	1	0	comp	post excvation bottom 5-pt			0	QAL	use 1/2 DL
950242-SA5	8/30/1995	950242-SA5	soil	861426.13	432545.94	Dibenzo(a,h)anthracene	0.000	0.730	0	1	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
96228-07	8/15/1996	96228-07	soil	861649.13	432478.94	Dibenzo(a,h)anthracene	0.000	0.720	2	3	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
97098-SRA-124	4/8/1997	97098-SRA-124	soil	861347.00	431692.56	Dibenzo(a,h)anthracene	0.000	0.700	0	6	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
96305-11	10/31/1996	96305-11	soil	862706.13	432474.91	Dibenzo(a,h)anthracene	0.000	0.680	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
AC17-4	1/5/1995	AC17	soil	861131.06	430631.97	Dibenzo(a,h)anthracene	0.000	0.520	4	6	0	0	grab				0	Col	use 1/2 DL
950201-TT2-1	7/20/1995	TT2E	soil	861471.13	432475.69	Dibenzo(a,h)anthracene	0.000	0.505	3	3	0	0	grab				0	Eco	use 1/2 DL
96302-NRA-130	10/28/1996	96302-NRA-130	soil	861939.69	433282.14	Dibenzo(a,h)anthracene	0.000	0.470	3	4	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
950241-SA4	8/29/1995	950241-SA4	soil	861409.13	432440.94	Dibenzo(a,h)anthracene	0.000	0.460	2	3	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac	use 1/2 DL
950242-SA6	8/30/1995	950242-SA6	soil	861502.13	432511.94	Dibenzo(a,h)anthracene	0.000	0.460	0	1	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
950227-PB83-2	8/15/1995	PB-83	soil	861925.69	433172.75	Dibenzo(a,h)anthracene	0.000	0.440	4	5	0	0	grab	North disposal area			0	Pac	use 1/2 DL
950241-SA3	8/29/1995	950241-SA3	soil	861409.13	432440.94	Dibenzo(a,h)anthracene	0.000	0.430	0	1	0	0	Comp	5-PT.COMP.SAMPLE(A-E)IN SA3,4		SAN	0	Pac	use 1/2 DL
96169-SRA-17	6/17/1996	96169-SRA-17	soil	861119.06	430623.97	Dibenzo(a,h)anthracene	0.000	0.430	0	3	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
96241-NRA-90	8/27/1996	96241-NRA-90	soil	862008.00	433544.25	Dibenzo(a,h)anthracene	0.000	0.430	0	5	2	0	comp	post excavation, 3-pt composite, dark brown sand with hydrocarbon odor, n. sidewall			0	QAL	use 1/2 DL
AC8-2	1/9/1995	AC8	soil	861508.13	432410.94	Dibenzo(a,h)anthracene	0.000	0.430	2	4	0	0	grab			BAC	0	Col	use 1/2 DL
GPT-10-2	3/23/1995	GPT-10	soil	861951.50	432397.00	Dibenzo(a,h)anthracene	0.000	0.430	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-11-2	3/23/1995	GPT-11	soil	861926.31	432398.25	Dibenzo(a,h)anthracene	0.000	0.430	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-20-2	3/23/1995	GPT-20	soil	861964.44	432495.91	Dibenzo(a,h)anthracene	0.000	0.430	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-31-2	3/23/1995	GPT-31	soil	861946.81	432595.38	Dibenzo(a,h)anthracene	0.000	0.430	2	4	0	0	grab				0	Saw	use 1/2 DL
96037-03	2/6/1996	96037-03	soil	861257.56	431754.94	Dibenzo(a,h)anthracene	0.000	0.420	3	5	1	0	comp	post excavation 3-pt			0	Pac	use 1/2 DL
GPT-12-2	3/23/1995	GPT-12	soil	861897.50	432401.72	Dibenzo(a,h)anthracene	0.000	0.420	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-21-2	3/23/1995	GPT-21	soil	861938.81	432498.16	Dibenzo(a,h)anthracene	0.000	0.420	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-41-2	3/23/1995	GPT-41	soil	861965.19	432695.84	Dibenzo(a,h)anthracene	0.000	0.420	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-50-2	3/24/1995	GPT-50	soil	862000.81	432792.38	Dibenzo(a,h)anthracene	0.000	0.420	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-52-2	3/24/1995	GPT-52	soil	861946.00	432800.50	Dibenzo(a,h)anthracene	0.000	0.420	2	4	0	0	grab				0	Saw	use 1/2 DL
LC-610-SLA	11/30/1994	LC-610	soil	862598.13	433119.91	Dibenzo(a,h)anthracene	0.000	0.420	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-613-SLA	11/30/1994	LC-613	soil	862568.13	432403.91	Dibenzo(a,h)anthracene	0.000	0.420	0	1	0	0	comp				0	ESD	use 1/2 DL
WDI1-4	1/11/1995	W DI1-4	soil	862077.13	433056.94	Dibenzo(a,h)anthracene	0.000	0.420	4	5	0	0	grab				0	Col	use 1/2 DL
96352-NRA-151	12/17/1996	96352-NRA-151	soil	862169.44	433384.50	Dibenzo(a,h)anthracene	0.000	0.420	2	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97036-02	2/5/1997	97036-02	soil	862266.13	432329.91	Dibenzo(a,h)anthracene	0.000	0.420	2	3	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
950200-TT1-3	7/19/1995	TT1C	soil	861419.19	432380.06	Dibenzo(a,h)anthracene	0.000	0.414	3	3	0	0	grab				0	Eco	use 1/2 DL
97023-NRA-162	1/23/1997	97023-NRA-162	soil	862226.13	433369.91	Dibenzo(a,h)anthracene	0.000	0.410	2	3	1	0	comp	post excavation 5-pt bottom			0	Cor	use 1/2 DL
AC10-1	1/9/1995	AC10	soil	861409.88	432003.84	Dibenzo(a,h)anthracene	0.000	0.410	1	3	0	0	grab				0	Col	use 1/2 DL
AC6-2	1/10/1995	AC6	soil	861670.13	432715.94	Dibenzo(a,h)anthracene	0.000	0.410	2	4	0	0	grab			BAC	0	Col	use 1/2 DL
GPT-20-1	3/23/1995	GPT-20	soil	861964.44	432495.91	Dibenzo(a,h)anthracene	0.000	0.410	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-22-2	3/23/1995	GPT-22	soil	861909.56	432500.81	Dibenzo(a,h)anthracene	0.000	0.410	2	4	0	0	grab				0	Saw	use 1/2 DL
LC-613-SLB	11/30/1994	LC-613	soil	862568.13	432403.91	Dibenzo(a,h)anthracene	0.000	0.410	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-619-SLA	11/30/1994	LC-619	soil	862416.06	431658.91	Dibenzo(a,h)anthracene	0.000	0.410	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-619-SLB	11/30/1994	LC-619	soil	862416.06	431658.91	Dibenzo(a,h)anthracene	0.000	0.410	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-635-SLB	12/1/1994	LC-635	soil	861622.06	430806.94	Dibenzo(a,h)anthracene	0.000	0.410	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-637-SLB	11/30/1994	LC-637	soil	861223.06	430712.94	Dibenzo(a,h)anthracene	0.000	0.410	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-638-SLB	11/30/1994	LC-638	soil	861425.06	430877.94	Dibenzo(a,h)anthracene	0.000	0.410	2	3	0	0	comp				0	ESD	use 1/2 DL
96207-10	7/25/1996	96207-10	soil	861649.13	432748.94	Dibenzo(a,h)anthracene	0.000	0.410	0	1	0	0	grab	hand auger boring samples south of north removall area			0	QAL	use 1/2 DL
96270-nry-06	9/26/1996	96270-NRY-06	soil	862004.94	432874.28	Dibenzo(a,h)anthracene	0.000	0.410	0	5	1	0	grab	post ex: dark gray to black sand below 12-in water pipe			0	QAL	use 1/2 DL
96275-bcf-04	10/1/1996	96275-BCF-04	soil	862025.13	432738.94	Dibenzo(a,h)anthracene	0.000	0.410	3	4	1	0	comp	post ex bottom 4 pt.			0	QAL	use 1/2 DL
96302-NRA-129	10/28/1996	96302-NRA-129	soil	861942.81	433351.84	Dibenzo(a,h)anthracene	0.000	0.410	3	4	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL

Table 4. Summary of Non Detects for Dibenzo(a)Anthracene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96354-NRA-157	12/19/1996	96354-NRA-157	soil	862174.69	433349.41	Dibenzo(a,h)anthracene	0.000	0.410	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97008-NRA-157	1/6/1997	97008-NRA-157	soil	862171.44	433300.13	Dibenzo(a,h)anthracene	0.000	0.410	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97041-NREA-51	2/10/1997	97041-NREA-51	soil	861862.13	432943.94	Dibenzo(a,h)anthracene	0.000	0.410	4	4	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97099-M78	4/9/1997	97099-M78	soil	861954.06	431615.94	Dibenzo(a,h)anthracene	0.000	0.410	3	4	1	0	comp	post excavation 2-pt bottom			0	QAL	use 1/2 DL
97106-WDI-32	4/16/1997	97106-W DI-32	soil	862127.13	433156.94	Dibenzo(a,h)anthracene	0.000	0.410	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
950200-TT1-5	7/19/1995	TT1E	soil	861443.63	432379.06	Dibenzo(a,h)anthracene	0.000	0.403	3	3	0	0	grab				0	Eco	use 1/2 DL
96232-NRA-64	8/19/1996	96232-NRA-64	soil	861907.94	432676.00	Dibenzo(a,h)anthracene	0.000	0.400	3	3	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL	use 1/2 DL
96247-10	9/3/1996	96247-10	soil	862040.13	432604.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	grab	light grey, wet sand			0	QAL	use 1/2 DL
96256-04	9/12/1996	96256-04	soil	861629.06	431248.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	grab	tan sand with trace amount of dark sand, wet			0	QAL	use 1/2 DL
96260-14	9/16/1996	96260-14	soil	862233.31	433039.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	grab	tan sand with rust stains, moist			0	QAL	use 1/2 DL
96270-01	9/26/1996	MH-S14	soil	861974.06	431347.94	Dibenzo(a,h)anthracene	0.000	0.400	4	5	0	0	grab	MH-S14, brown to black sand small stones		MSA	0	QAL	use 1/2 DL
96317-NREA-06	11/12/1996	96317-NREA-06	soil	861937.31	432925.19	Dibenzo(a,h)anthracene	0.000	0.400	3	4	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96317-NREA-07	11/12/1996	96317-NREA-07	soil	861940.25	432960.03	Dibenzo(a,h)anthracene	0.000	0.400	3	4	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96330-RI-08	11/25/1996	96330-RI-08	soil	862588.56	432116.41	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp/grab	brown wet sand			0	QAL	use 1/2 DL
96339-NRA-138	12/4/1996	96339-NRA-138	soil	862006.13	433307.94	Dibenzo(a,h)anthracene	0.000	0.400	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96339-NRA-139	12/4/1996	96339-NRA-139	soil	862015.81	433413.16	Dibenzo(a,h)anthracene	0.000	0.400	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96344-NRA-141	12/9/1996	96344-NRA-141	soil	862037.44	433377.13	Dibenzo(a,h)anthracene	0.000	0.400	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96344-NRA-142	12/9/1996	96344-NRA-142	soil	862034.56	433342.59	Dibenzo(a,h)anthracene	0.000	0.400	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96344-NRA-143	12/9/1996	96344-NRA-143	soil	862073.44	433385.16	Dibenzo(a,h)anthracene	0.000	0.400	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96345-NRA-144	12/10/1996	96345-NRA-144	soil	862066.00	433346.06	Dibenzo(a,h)anthracene	0.000	0.400	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96346-NRA-147	12/11/1996	96346-NRA-147	soil	862109.06	433370.81	Dibenzo(a,h)anthracene	0.000	0.400	2	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96353-NRA-153	12/18/1996	96353-NRA-153	soil	862208.69	433385.97	Dibenzo(a,h)anthracene	0.000	0.400	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97013-NREA-19	1/13/1997	97013-NREA-19	soil	861892.13	432783.94	Dibenzo(a,h)anthracene	0.000	0.400	0	3	2	0	comp	post excavation 3-pt south sidewall		NREA	0	QAL	use 1/2 DL
97016-NREA-26	1/16/1997	97016-NREA-26	soil	861816.94	432847.44	Dibenzo(a,h)anthracene	0.000	0.400	4	4	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97030-NREA-47	1/30/1997	97030-NREA-47	soil	861781.81	432935.13	Dibenzo(a,h)anthracene	0.000	0.400	4	5	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97042-02	2/11/1997	97042-02	soil	862318.06	431967.91	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97055-BCF-05	2/24/1997	97055-BCF-05	soil	861972.13	432343.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97058-BCF-09	2/27/1997	97058-BCF-09	soil	861980.13	432499.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97062-BCF-11	3/3/1997	97062-BCF-11	soil	861990.13	432597.94	Dibenzo(a,h)anthracene	0.000	0.400	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97104-01	4/14/1997	MH-S8	soil	861917.06	431430.94	Dibenzo(a,h)anthracene	0.000	0.400	4	5	0	0	grab	MH-S8, C ST sewer manhole SW corner BM4		SRA	0	QAL	use 1/2 DL
97105-WDI-28	4/15/1997	97105-W DI-28	soil	862123.13	433051.94	Dibenzo(a,h)anthracene	0.000	0.400	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97111-WDI-34	4/21/1997	97111-W DI-34	soil	862072.13	433091.94	Dibenzo(a,h)anthracene	0.000	0.400	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97128-BM3-11	5/8/1997	97128-BM3-11	soil	861407.19	431369.16	Dibenzo(a,h)anthracene	0.000	0.400	5	6	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97128-BM3-14	5/8/1997	97128-BM3-14	soil	861367.56	431376.34	Dibenzo(a,h)anthracene	0.000	0.400	4	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
GPT-00-2	3/23/1995	GPT-00	soil	861938.13	432297.63	Dibenzo(a,h)anthracene	0.000	0.400	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-01-2	3/23/1995	GPT-01	soil	861913.25	432300.94	Dibenzo(a,h)anthracene	0.000	0.400	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-02-02	3/23/1995	GPT-02	soil	861884.25	432305.41	Dibenzo(a,h)anthracene	0.000	0.400	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-10-1	3/23/1995	GPT-10	soil	861951.50	432397.00	Dibenzo(a,h)anthracene	0.000	0.400	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-42-1	3/23/1995	GPT-42	soil	861936.44	432702.50	Dibenzo(a,h)anthracene	0.000	0.400	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-42-2	3/23/1995	GPT-42	soil	861936.44	432702.50	Dibenzo(a,h)anthracene	0.000	0.400	2	4	0	0	grab				0	Saw	use 1/2 DL
LC-615-SLB	11/30/1994	LC-615	soil	862627.06	432099.91	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-616-SLB	12/1/1994	LC-616	soil	862954.06	431887.91	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-617-SLA	12/1/1994	LC-617	soil	862698.06	431750.91	Dibenzo(a,h)anthracene	0.000	0.400	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-617-SLB	12/1/1994	LC-617	soil	862698.06	431750.91	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-618-SLA	11/30/1994	LC-618	soil	862485.06	431927.91	Dibenzo(a,h)anthracene	0.000	0.400	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-618-SLB	11/30/1994	LC-618	soil	862485.06	431927.91	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-621-SLB	12/1/1994	LC-621	soil	862323.06	431375.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-622-SLB	12/1/1994	LC-622	soil	862296.06	431111.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-634-SLB	12/1/1994	LC-634	soil	861639.06	431026.94	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-686-SLB	12/1/1994	LC-686	soil	862925.06	431932.91	Dibenzo(a,h)anthracene	0.000	0.400	2	3	0	0	comp				0	ESD	use 1/2 DL
94196-04	7/15/1994	94196-04	soil	861605.06	431649.94	Dibenzo(a,h)anthracene	0.000	0.399	0	1	0	0	comp	NW area			0	Eco	use 1/2 DL
94196-05	7/15/1994	94196-05	soil	861641.06	431505.94	Dibenzo(a,h)anthracene	0.000	0.399	0	1	0	0	comp	SE area			0	Eco	use 1/2 DL
94196-06	7/15/1994	94196-06	soil	861550.06	431485.94	Dibenzo(a,h)anthracene	0.000	0.399	1	2	0	0	comp	SW area			0	Eco	use 1/2 DL
94196-08	7/15/1994	94196-08	soil	861448.06	431681.94	Dibenzo(a,h)anthracene	0.000	0.399	0	1	0	0	comp	W area			0	Eco	use 1/2 DL
94201-07	7/20/1994	94201-07	soil	861131.06	431275.97	Dibenzo(a,h)anthracene	0.000	0.399	3	3	0	0	comp	N sample, W of imp. 1		BAC	0	Eco	use 1/2 DL
94206-04	7/25/1994	94206-04	soil	861239.13	432372.94	Dibenzo(a,h)anthracene	0.000	0.399	1	3	0	0	comp	N section			0	Eco	use 1/2 DL
950228-SA1-1	8/17/1995	950228-SA1-1	soil	861376.13	432433.94	Dibenzo(a,h)anthracene	0.000	0.390	0	1	0	0	grab	Surficial Anomoly		SAN	0	Pac	use 1/2 DL
96346-NRA-145	12/11/1996	96346-NRA-145	soil	862049.13	432295.75	Dibenzo(a,h)anthracene	0.000	0.390	3	5	1	0	comp	post excavation 5-pt bottom			0	Cor	use 1/2 DL
96346-RI-18	12/11/1996	96346-RI-18	soil	862538.56	431566.41	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	comp/grab	phase II upland soil sample			0	Cor	use 1/2 DL
AC7-0	1/10/1995	AC7	soil	861594.13	432558.94	Dibenzo(a,h)anthracene	0.000	0.390	0	2	0	0	grab				0	Col	use 1/2 DL
GPT-11-1	3/23/1995	GPT-11	soil	861926.31	432398.25	Dibenzo(a,h)anthracene	0.000	0.390	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-21-1	3/23/1995	GPT-21	soil	861938.81	432498.16	Dibenzo(a,h)anthracene	0.000	0.390	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-22-1	3/23/1995	GPT-22	soil	861909.56	432500.81	Dibenzo(a,h)anthracene	0.000	0.390	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-32-1	3/23/1995	GPT-32	soil	861923.13	432600.97	Dibenzo(a,h)anthracene	0.000	0.390	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-41-1	3/23/1995	GPT-41	soil	861965.19	432695.84	Dibenzo(a,h)anthracene	0.000	0.390	0	2	0	0	grab				0	Saw	use 1/2 DL
GPT-60-2	3/24/1995	GPT-60	soil	862013.31	432892.56	Dibenzo(a,h)anthracene	0.000	0.390	2	4	0	0	grab				0	Saw	use 1/2 DL
GPT-61-2	3/24/1995	GPT-61	soil	861989.06	432890.66	Dibenzo(a,h)anthracene	0.000	0.390	2	4	0	0	grab				0	Saw	use 1/2 DL
LC-614-SLB	11/30/1994	LC-614	soil	862450.13	432681.91	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-620-SLB	12/1/1994	LC-620	soil	862546.06	431908.91	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	comp				0	ESD	use 1/2 DL
WDI2-4	1/11/1995	W DI2-4	soil	862147.13	433049.94	Dibenzo(a,h)anthracene	0.000	0.390	4	5	0	0	grab				0	Col	use 1/2 DL
96240-NRA-86	8/27/1996	96240-NRA-86	soil	861798.44	433011.34	Dibenzo(a,h)anthracene	0.000	0.390	0	4	2	0	comp	post excavation, 3-pt composite, brown sand, hydrocarbon odor, e. sidewall			0	QAL	use 1/2 DL
96240-NRA-89	8/27/1996	96240-NRA-89	soil	862010.75	433510.63	Dibenzo(a,h)anthracene	0.000	0.390	4	5	1	0	comp	post excavation, 2-pt composite, brown sand, hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96247-17	9/3/1996	96247-17	soil	861969.13	432326.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	light brown sand with rust colored material, moist			0	QAL	use 1/2 DL
96249-20	9/5/1996	96249-20	soil	861944.13	432733.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	grey heavily stained sand, very strong petroleum odor			0	QAL	use 1/2 DL
96255-22	9/11/1996	96255-22	soil	861679.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	tan wet sand, dark stains and hydrocarbon odor			0	QAL	use 1/2 DL
96256-02	9/12/1996	96256-02	soil	861629.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	tan wet sand			0	QAL	use 1/2 DL
96256-08	9/12/1996	96256-08	soil	862012.13	432752.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	brown sand with pieces of hard black material, strong petroleum carbon odor			0	QAL	use 1/2 DL
96262-02	9/18/1996	96262-02	soil	862251.00	432563.44	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	tan sand with black stains, wet			0	QAL	use 1/2 DL
96262-04	9/18/1996	96262-04	soil	862254.44	432659.06	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	tan/orange wet sand			0	QAL	use 1/2 DL
96290-NRA-120	10/16/1996	96290-NRA-120	soil	861917.19	433168.13	Dibenzo(a,h)anthracene	0.000	0.390	2	2	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL	use 1/2 DL
96302-NRA-127	10/28/1996	96302-NRA-127	soil	861679.88	434446.69	Dibenzo(a,h)anthracene	0.000	0.390	4	4	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96302-NRA-128	10/28/1996	96302-NRA-128	soil	861958.00	433398.06	Dibenzo(a,h)anthracene	0.000	0.390	4	4	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96316-SRY-37	11/11/1996	96316-SRY-37	soil	861850.88	432081.91	Dibenzo(a,h)anthracene	0.000	0.390	2	2	1	0	comp	post excavation 3-pt bottom			0	QAL	use 1/2 DL
96316-SRY-38	11/11/1996	96316-SRY-38	soil	861864.81	432130.69	Dibenzo(a,h)anthracene	0.000	0.390	2	2	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
96331-NRA-132	11/25/1996	96331-NRA-132	soil	861974.31	433364.56	Dibenzo(a,h)anthracene	0.000	0.390	2	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96331-RI-12	11/27/1996	96331-RI-12	soil	862938.56	431616.41	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	comp/grab	brown and gray wet sand			0	QAL	use 1/2 DL
96337-NRA-133	12/2/1996	96337-NRA-133	soil	861977.56	433309.06	Dibenzo(a,h)anthracene	0.000	0.390	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97008-NRA-161	1/8/1997	97008-NRA-161	soil	862085.81	433276.09	Dibenzo(a,h)anthracene	0.000	0.390	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97010-NREA-17	1/10/1997	97010-NREA-17	soil	861834.13	432795.94	Dibenzo(a,h)anthracene	0.000	0.390	4	4	1	0	grab	post excavation bottom		NREA	0	QAL	use 1/2 DL
97020-NREA-28	1/20/1997	97020-NREA-28	soil	861952.13	433015.94	Dibenzo(a,h)anthracene	0.000	0.390	2	2	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97020-NREA-29	1/20/1997	97020-NREA-29	soil	861906.13	433029.94	Dibenzo(a,h)anthracene	0.000	0.390	2	2	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97023-01	1/29/1997	97023-01	soil	862262.13	432401.91	Dibenzo(a,h)anthracene	0.000	0.390	4	4	1	0	comp	post excavation 2-pt bottom, E boiler house		EBH	0	QAL	use 1/2 DL
97034-02	2/3/1997	97034-02	soil	862228.13	432283.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97034-04	2/3/1997	97034-04	soil	862164.13	432283.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97062-BCF-12	3/3/1997	97062-BCF-12	soil	862000.13	432685.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97063-BCF-18	3/4/1997	97063-BCF-18	soil	861982.13	432409.94	Dibenzo(a,h)anthracene	0.000	0.390	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97064-BCF-19	3/5/1997	97064-BCF-19	soil	861996.13	432411.94	Dibenzo(a,h)anthracene	0.000	0.390	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97064-BCF-20	3/5/1997	97064-BCF-20	soil	862008.13	432505.94	Dibenzo(a,h)anthracene	0.000	0.390	3	3	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
97066-BCF-23	3/7/1997	97066-BCF-23	soil	862020.13	432583.94	Dibenzo(a,h)anthracene	0.000	0.390	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97105-WDI-27	4/15/1997	97105-W DI-27	soil	862072.13	433058.94	Dibenzo(a,h)anthracene	0.000	0.390	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97111-WDI-35	4/21/1997	97111-W DI-35	soil	862123.13	433084.94	Dibenzo(a,h)anthracene	0.000	0.390	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-41	4/30/1997	97120-BM4-41	soil	861366.25	431633.75	Dibenzo(a,h)anthracene	0.000	0.390	4	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-51	4/30/1997	97120-BM4-51	soil	861330.50	431524.94	Dibenzo(a,h)anthracene	0.000	0.390	4	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97142-M92	5/22/1997	97142-M92	soil	861842.06	431633.94	Dibenzo(a,h)anthracene	0.000	0.390	5	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
950228-SA2-1	8/17/1995	950228-SA2-1	soil	861436.13	432413.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	grab	Surficial Anomoly		SAN	0	Pac	use 1/2 DL
950242-SA9	8/30/1995	950242-SA9	soil	861547.13	432593.94	Dibenzo(a,h)anthracene	0.000	0.380	0	1	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
LC-609-SLB	11/30/1994	LC-609	soil	862891.13	432911.91	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	comp				0	ESD	use 1/2 DL

Table 4. Summary of Non Detects for Dibenzo(a)Anthracene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
LC-612-SLA	11/30/1994	LC-612	soil	862624.13	432670.91	Dibenzo(a,h)anthracene	0.000	0.380	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-616-SLA	12/1/1994	LC-616	soil	862954.06	431887.91	Dibenzo(a,h)anthracene	0.000	0.380	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-686-SLA	12/1/1994	LC-686	soil	862925.06	431932.91	Dibenzo(a,h)anthracene	0.000	0.380	0	1	0	0	comp				0	ESD	use 1/2 DL
96204-M68	7/22/1996	96204-M68	soil	861893.25	431630.84	Dibenzo(a,h)anthracene	0.000	0.380	0	4	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
96207-M76	7/25/1996	96207-M76	soil	861991.56	431618.53	Dibenzo(a,h)anthracene	0.000	0.380	0	1	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
96228-04	8/15/1996	96228-04	soil	861643.13	432434.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
96228-11	8/15/1996	96228-11	soil	861726.13	432418.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	comp	5-pt composite samples			0	QAL	use 1/2 DL
96239-NRA-74	8/29/1996	96239-NRA-74	soil	861999.56	433484.09	Dibenzo(a,h)anthracene	0.000	0.380	3	4	1	0	comp	post excavation, 4-pt composite, dark grey sand with hydrocarbon odor			0	QAL	use 1/2 DL
96248-05	9/4/1996	96248-05	soil	861974.13	433560.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	grab	brown sand with loamy material, wet, strong petroleum odor			0	QAL	use 1/2 DL
96248-16	9/4/1996	96248-16	soil	861839.06	432009.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	grab	wet tan sand with black stains, strong hydrocarbon odor			0	QAL	use 1/2 DL
96260-12	9/16/1996	96260-12	soil	862288.31	433031.19	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	grab	tan sand stained with dark stains, moist			0	QAL	use 1/2 DL
96261-NRA-108	9/17/1996	96261-NRA-108	soil	861959.44	433550.97	Dibenzo(a,h)anthracene	0.000	0.380	3	3	1	0	comp	post excavation, 3-pt composite, brown, dark grey sand, bottom			0	QAL	use 1/2 DL
96263-CPS-01	10/9/1996	96263-CPS-01	soil	861568.06	432097.94	Dibenzo(a,h)anthracene	0.000	0.380	1	1	1	0	comp	post excavation, 5-pt composite			0	QAL	use 1/2 DL
96302-CPS-13	10/28/1996	96302-CPS-13	soil	861629.44	432064.19	Dibenzo(a,h)anthracene	0.000	0.380	1	1	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
96311-CSA-05	11/6/1996	96311-CSA-05	soil	861815.25	431942.88	Dibenzo(a,h)anthracene	0.000	0.380	5	6	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96318-SBC-02	11/13/1996	96318-SBC-02	soil	862198.13	432490.94	Dibenzo(a,h)anthracene	0.000	0.380	2	2	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL	use 1/2 DL
96325-RI-04	11/20/1996	96325-RI-04	soil	862788.63	432616.41	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	comp/grab	light brown sand, one point stained black			0	QAL	use 1/2 DL
96331-RI-14	11/27/1996	96331-RI-14	soil	862813.56	431491.41	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	comp/grab	brown and gray wet sand			0	QAL	use 1/2 DL
96331-SD-11	11/26/1996	96331-SD-11	soil	857977.06	429636.03	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	comp/grab	brown sand, pine wood bark			0	QAL	use 1/2 DL
96338-NRA-136	12/3/1996	96338-NRA-136	soil	862003.63	433360.25	Dibenzo(a,h)anthracene	0.000	0.380	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96340-NRA-140	12/5/1996	96340-NRA-140	soil	862048.00	433403.88	Dibenzo(a,h)anthracene	0.000	0.380	2	3	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96353-NRA-154	12/19/1996	96353-NRA-154	soil	862205.44	433344.16	Dibenzo(a,h)anthracene	0.000	0.380	2	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97036-04	2/5/1997	97036-04	soil	862280.13	432467.91	Dibenzo(a,h)anthracene	0.000	0.380	2	3	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
97065-BCF-21	3/6/1997	97065-BCF-21	soil	862006.13	432579.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97066-02	3/7/1997	97066-02	soil	861880.13	433091.94	Dibenzo(a,h)anthracene	0.000	0.380	0	0	0	0	grab	soil @ concrete tank supports		NREA	0	QAL	use 1/2 DL
97078-NCA-27	3/19/1997	97078-NCA-27	soil	862117.13	432677.94	Dibenzo(a,h)anthracene	0.000	0.380	4	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97092-CTA-08	4/2/1997	97092-CTA-08	soil	861776.06	431888.94	Dibenzo(a,h)anthracene	0.000	0.380	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97099-WDI-23	4/9/1997	97099-WDI-23	soil	862071.13	433007.94	Dibenzo(a,h)anthracene	0.000	0.380	4	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97104-WDI-26	4/14/1997	97104-WDI-26	soil	862134.13	433196.94	Dibenzo(a,h)anthracene	0.000	0.380	4	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97119-SRA-140	4/29/1997	97119-SRA-140	soil	861383.88	431668.44	Dibenzo(a,h)anthracene	0.000	0.380	5	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-42	4/30/1997	97120-BM4-42	soil	861352.00	431586.25	Dibenzo(a,h)anthracene	0.000	0.380	4	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97142-M93	5/22/1997	97142-M93	soil	861820.06	431587.94	Dibenzo(a,h)anthracene	0.000	0.380	5	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
950235-OST-19	8/23/1995	OST-19	soil	861550.06	430798.94	Dibenzo(a,h)anthracene	0.000	0.370	0	1	0	0	grab	W. Side OST Area			0	Pac	use 1/2 DL
950242-SA7	8/30/1995	950242-SA7	soil	861502.13	432511.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	Comp	2-PT.COMP.PTS.A,B		SAN	0	Pac	use 1/2 DL
950242-SA9	8/30/1995	950242-SA9	soil	861498.13	432615.94	Dibenzo(a,h)anthracene	0.000	0.370	0	1	0	0	Comp	5-PT.COMP.SAMPLE(A-E)		SAN	0	Pac	use 1/2 DL
96171-SRA-22	6/19/1996	96172-SRA-22	soil	861071.69	430867.97	Dibenzo(a,h)anthracene	0.000	0.370	1	1	1	0	comp	post excaation bottom 5-pt			0	QAL	use 1/2 DL
96171-SRA-23	6/19/1996	96172-SRA-23	soil	861061.44	430887.25	Dibenzo(a,h)anthracene	0.000	0.370	0	1	2	0	comp	post excavation west sidewall 3-pt			0	QAL	use 1/2 DL
96192-M53	7/10/1996	96192-M53	soil	861943.38	431281.03	Dibenzo(a,h)anthracene	0.000	0.370	1	2	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96200-M63	7/18/1996	96200-M63	soil	861870.38	431604.34	Dibenzo(a,h)anthracene	0.000	0.370	3	4	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96242-NRA-93	8/29/1996	96242-NRA-93	soil	861922.13	433268.94	Dibenzo(a,h)anthracene	0.000	0.370	0	4	2	0	comp	post excavation, 3-pt composite, dark brown and grey sand with hydrocarbon odor, e. sidewall			0	QAL	use 1/2 DL
96255-04	9/11/1996	96255-04	soil	861229.06	430748.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	grey to dark brown sand			0	QAL	use 1/2 DL
96255-14	9/11/1996	96255-14	soil	861329.06	430748.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	brown moist sand			0	QAL	use 1/2 DL
96255-17	9/11/1996	96255-17	soil	861329.06	430648.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	brown wet sand			0	QAL	use 1/2 DL
96260-06	9/16/1996	96260-06	soil	862285.19	433148.91	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	tan moist sand			0	QAL	use 1/2 DL
96261-19	9/17/1996	96261-19	soil	862214.50	432953.63	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	tan moist sand			0	QAL	use 1/2 DL
96262-13	9/18/1996	96262-13	soil	862330.31	432745.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	tan/orange sand with trace rust stains and trace dark sand, moist			0	QAL	use 1/2 DL
96290-NRA-121	10/16/1996	96290-NRA-121	soil	861958.00	433161.38	Dibenzo(a,h)anthracene	0.000	0.370	2	2	1	0	comp	post excavation (bottom), 5-pt composite			0	QAL	use 1/2 DL
96309-01	11/4/1996	96309-01	soil	862754.13	432421.91	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96331-NRA-131	11/26/1996	96331-NRA-131	soil	861994.13	433419.94	Dibenzo(a,h)anthracene	0.000	0.370	2	2	1	0	comp/grab	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96337-NRA-135	12/2/1996	96337-NRA-135	soil	862004.13	433274.16	Dibenzo(a,h)anthracene	0.000	0.370	0	2	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
96346-RI-17	12/11/1996	96346-RI-17	soil	862538.56	431566.41	Dibenzo(a,h)anthracene	0.000	0.370	0	1	0	0	comp/grab	phase II upland soil sample			0	QAL	use 1/2 DL
96351-NRA-149	12/16/1996	96351-NRA-149	soil	862118.38	433279.22	Dibenzo(a,h)anthracene	0.000	0.370	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96352-NRA-152	12/17/1996	96352-NRA-152	soil	862141.50	433294.31	Dibenzo(a,h)anthracene	0.000	0.370	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97028-07	1/28/1997	97028-07	soil	862272.13	432399.91	Dibenzo(a,h)anthracene	0.000	0.370	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97034-08	2/3/1997	97034-08	soil	862098.13	432407.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	characterization NE corner locker room			0	QAL	use 1/2 DL
97042-05	2/11/1997	97042-05	soil	862302.06	431865.91	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97085-02	3/26/1997	97085-02	soil	862255.50	432339.72	Dibenzo(a,h)anthracene	0.000	0.370	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97085-SRA-98	3/26/1997	97085-SRA-98	soil	861205.56	431378.34	Dibenzo(a,h)anthracene	0.000	0.370	0	4	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
97091-WDI-11	4/1/1997	97091-WDI-11	soil	862136.13	432994.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97092-WDI-15	4/2/1997	97092-WDI-15	soil	862156.13	433033.94	Dibenzo(a,h)anthracene	0.000	0.370	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97092-WDI-16	4/2/1997	97092-WDI-16	soil	862176.13	433073.94	Dibenzo(a,h)anthracene	0.000	0.370	3	3	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
97099-M77	4/9/1997	97099-M77	soil	862044.38	431606.34	Dibenzo(a,h)anthracene	0.000	0.370	4	4	1	0	comp	post excavation 2-pt bottom			0	QAL	use 1/2 DL
97101-WDI-25	4/11/1997	97101-WDI-25	soil	862068.13	433039.94	Dibenzo(a,h)anthracene	0.000	0.370	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97106-WDI-31	4/16/1997	97106-WDI-31	soil	862167.13	433147.94	Dibenzo(a,h)anthracene	0.000	0.370	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97111-WDI-33	4/21/1997	97111-WDI-33	soil	862163.13	433111.94	Dibenzo(a,h)anthracene	0.000	0.370	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-47	4/30/1997	97120-BM4-47	soil	861434.50	431616.34	Dibenzo(a,h)anthracene	0.000	0.370	3	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-50	4/30/1997	97120-BM4-50	soil	861368.50	431534.94	Dibenzo(a,h)anthracene	0.000	0.370	4	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-WDI-45	4/30/1997	97120-WDI-45	soil	862021.13	433164.94	Dibenzo(a,h)anthracene	0.000	0.370	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97125-M81	5/5/1997	97125-M81	soil	861817.75	431511.25	Dibenzo(a,h)anthracene	0.000	0.370	4	4	2	0	grab	post excavation W sidewall			0	QAL	use 1/2 DL
97128-BM3-13	5/8/1997	97128-BM3-13	soil	861373.38	431409.06	Dibenzo(a,h)anthracene	0.000	0.370	4	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97128-BM3-15	5/8/1997	97128-BM3-15	soil	861363.19	431346.94	Dibenzo(a,h)anthracene	0.000	0.370	4	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
GPT-00-1	3/23/1995	GPT-00	soil	861938.13	432297.63	Dibenzo(a,h)anthracene	0.000	0.370	0	2	0	0	grab				0	Sav	use 1/2 DL
LC-611-SLA	11/30/1994	LC-611	soil	862591.13	432948.91	Dibenzo(a,h)anthracene	0.000	0.370	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-615-SLA	11/30/1994	LC-615	soil	862627.06	432099.91	Dibenzo(a,h)anthracene	0.000	0.370	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-639-SLB	11/30/1994	LC-639	soil	861643.06	431158.94	Dibenzo(a,h)anthracene	0.000	0.370	2	3	0	0	comp	5 point composite			0	ESD	use 1/2 DL
950200-TT1-1	7/19/1995	TT1W	soil	861394.75	432381.06	Dibenzo(a,h)anthracene	0.000	0.366	3	3	0	0	grab				0	Eco	use 1/2 DL
96171-SRA-20	6/19/1996	96171-SRA-20	soil	861068.88	430970.06	Dibenzo(a,h)anthracene	0.000	0.360	1	1	1	0	comp	post excaation bottom 5-pt			0	QAL	use 1/2 DL
96171-SRA-21	6/19/1996	96171-SRA-21	soil	861059.44	430978.97	Dibenzo(a,h)anthracene	0.000	0.360	0	1	2	0	comp	post excavation west sidewall 3-pt			0	QAL	use 1/2 DL
96204-M65	7/22/1996	96204-M65	soil	861838.50	431565.63	Dibenzo(a,h)anthracene	0.000	0.360	2	4	1	0	comp	post exovation bottom 4-pt			0	QAL	use 1/2 DL
96207-05	7/25/1996	96207-05	soil	861741.13	432675.94	Dibenzo(a,h)anthracene	0.000	0.360	1	2	0	0	grab	hand auger boring samples south of north removall area			0	QAL	use 1/2 DL
96207-08	7/25/1996	96207-08	soil	861691.13	432698.94	Dibenzo(a,h)anthracene	0.000	0.360	1	2	0	0	grab	hand auger boring samples south of north removall area			0	QAL	use 1/2 DL
96235-02	8/22/1996	96235-02	soil	862212.13	432509.94	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	tan to brown sand		SBC	0	QAL	use 1/2 DL
96247-NRA-98	9/3/1996	96247-NRA-98	soil	861976.69	433556.38	Dibenzo(a,h)anthracene	0.000	0.360	0	4	2	0	comp	post excavation, 3-pt composite, brown/grey sand with hydrocarbon odor, n. sidewall			0	QAL	use 1/2 DL
96254-07	9/10/1996	96254-07	soil	861429.06	430848.94	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	tan, moist sand			0	QAL	use 1/2 DL
96255-21	9/11/1996	96255-21	soil	861679.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	grab	tan sand with traces of rust material			0	QAL	use 1/2 DL
96255-24	9/11/1996	96255-24	soil	861679.06	430948.94	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	tan moist sand			0	QAL	use 1/2 DL
96260-04	9/16/1996	96260-04	soil	862212.13	433165.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	brown sand, trace grey sand			0	QAL	use 1/2 DL
96260-16	9/16/1996	96260-16	soil	862352.38	432927.16	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	tan/orange sand with rust stains			0	QAL	use 1/2 DL
96261-21	9/17/1996	96261-21	soil	862343.81	432825.19	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	brown to tan sand, trace dark brown moist sand			0	QAL	use 1/2 DL
96262-07	9/18/1996	96262-07	soil	862131.31	432672.56	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	dark brown wet sand			0	QAL	use 1/2 DL
96262-09	9/18/1996	96262-09	soil	862120.63	432578.75	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	brown wet sand			0	QAL	use 1/2 DL
96290-NRA-119	10/16/1996	96290-NRA-119	soil	861900.19	433130.13	Dibenzo(a,h)anthracene	0.000	0.360	0	1	2	0	comp	post excavation (s. sidewall), 3-pt composite			0	QAL	use 1/2 DL
96297-NWF-23	10/23/1996	96297-NWF-23	soil	861749.13	432573.94	Dibenzo(a,h)anthracene	0.000	0.360	1	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96303-CPS-15	10/29/1996	96303-CPS-15	soil	861684.06	432090.94	Dibenzo(a,h)anthracene	0.000	0.360	0	1	2	0	comp	post excavation 3-pt east sidewall			0	QAL	use 1/2 DL
96309-03	11/4/1996	96309-03	soil	862684.13	432420.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	dark brown sand			0	QAL	use 1/2 DL
96309-05	11/4/1996	96309-05	soil	862695.13	432508.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96318-NREA-10	11/13/1996	96318-NREA-10	soil	861795.13	432701.94	Dibenzo(a,h)anthracene	0.000	0.360	2	2	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96318-SBC-01	11/13/1996	96318-SBC-01	soil	862201.13	432431.94	Dibenzo(a,h)anthracene	0.000	0.360	1	2	1	0	comp	post excavation 5-pt bottom		SBC	0	QAL	use 1/2 DL
96319-NCA-02	11/14/1996	96319-NCA-02	soil	862222.19	433127.16	Dibenzo(a,h)anthracene	0.000	0.360	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96325-RI-02	11/20/1996	96325-RI-02	soil	862938.63	432916.41	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp/grab	brown moist sand			0	QAL	use 1/2 DL
96331-RI-11	11/27/1996	96331-RI-11	soil	862938.56	431616.41	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	comp/grab	brown & gray loamy sand			0	QAL	use 1/2 DL
96331-SD-13	11/26/1996	96331-SD-13	soil	858013.06	429669.03	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp/grab	brown sand, pine wood bark			0	QAL	use 1/2 DL
96346-NRA-146	12/11/1996	96346-NRA-146	soil	862086.38	433313.41	Dibenzo(a,h)anthracene	0.000	0.360	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96352-NRA-150	12/17/1996	96352-NRA-150	soil	862144.38	433347.41	Dibenzo(a,h)anthracene	0.000	0.360	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97010-NREA-16	1/10/1997	97010-NREA-16	soil	861836.13	432807.94	Dibenzo(a,h)anthracene	0.000	0.360	2	4	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97016-NREA-27	1/16/1997	97016-NREA-27	soil	861858.13	432845.94	Dibenzo(a,h)anthracene	0.000	0.360	4	4	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97028-08	1/28/1997	97028-08	soil	862274.13	432421.91	Dibenzo(a,h)anthracene	0.000	0.360	0	2	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL

Table 4. Summary of Non Detects for Dibenzo(a)Anthracene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
97028-10	1/28/1997	97028-10	soil	862286.13	432397.91	Dibenzo(a,h)anthracene	0.000	0.360	0	2	2	0	comp	post excavation east sidewall 3-pt			0	QAL	use 1/2 DL
97034-03	2/3/1997	97034-03	soil	862164.13	432283.94	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97036-01	2/5/1997	97036-01	soil	862266.13	432329.91	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
97042-07	2/11/1997	97042-07	soil	862286.06	431767.94	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97063-BCF-17	3/4/1997	97063-BCF-17	soil	861971.13	432549.94	Dibenzo(a,h)anthracene	0.000	0.360	0	4	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97078-BCF-25	3/19/1997	97078-BCF-25	soil	862095.13	432701.94	Dibenzo(a,h)anthracene	0.000	0.360	3	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97086-CTA-03	3/27/1997	97086-CTA-03	soil	861740.06	431718.94	Dibenzo(a,h)anthracene	0.000	0.360	0	2	2	0	comp	post excavation 3-pt S sidewall			0	QAL	use 1/2 DL
97086-WDI-02	3/27/1997	97086-WDI-02	soil	862015.13	432998.94	Dibenzo(a,h)anthracene	0.000	0.360	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97090-CTA-06	3/31/1997	97090-CTA-06	soil	861732.06	431804.94	Dibenzo(a,h)anthracene	0.000	0.360	0	3	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97091-CTA-07	4/1/1997	97091-CTA-07	soil	861764.06	431844.94	Dibenzo(a,h)anthracene	0.000	0.360	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97091-WDI-10	4/1/1997	97091-WDI-10	soil	862133.13	432966.94	Dibenzo(a,h)anthracene	0.000	0.360	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97093-WDI-18	4/3/1997	97093-WDI-18	soil	862191.13	433133.94	Dibenzo(a,h)anthracene	0.000	0.360	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97099-SRA-127	4/9/1997	97099-SRA-127	soil	861515.81	431724.94	Dibenzo(a,h)anthracene	0.000	0.360	0	4	2	0	comp	post excavation 3-pt S sidewall			0	QAL	use 1/2 DL
97106-BM4-14	4/16/1997	97106-BM4-14	soil	861469.50	431476.53	Dibenzo(a,h)anthracene	0.000	0.360	5	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97106-WDI-29	4/16/1997	97106-WDI-29	soil	862172.13	433159.94	Dibenzo(a,h)anthracene	0.000	0.360	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97108-BM4-23	4/18/1997	97108-BM4-23	soil	861487.56	431549.94	Dibenzo(a,h)anthracene	0.000	0.360	4	6	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97114-BM4-33	4/24/1997	97114-BM4-33	soil	861398.88	431477.16	Dibenzo(a,h)anthracene	0.000	0.360	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97114-BM4-36	4/24/1997	97114-BM4-36	soil	861377.06	431574.75	Dibenzo(a,h)anthracene	0.000	0.360	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97115-BM4-39	4/25/1997	97115-BM4-39	soil	861424.56	431525.16	Dibenzo(a,h)anthracene	0.000	0.360	2	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97115-BM4-40	4/25/1997	97115-BM4-40	soil	861433.88	431562.94	Dibenzo(a,h)anthracene	0.000	0.360	4	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97119-WDI-42	4/29/1997	97119-WDI-42	soil	862021.13	433133.94	Dibenzo(a,h)anthracene	0.000	0.360	3	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-BM4-46	4/30/1997	97120-BM4-46	soil	861473.69	431603.16	Dibenzo(a,h)anthracene	0.000	0.360	4	5	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-M79	4/30/1997	97120-M79	soil	862128.25	431599.13	Dibenzo(a,h)anthracene	0.000	0.360	5	5	1	0	comp	post excavation bottom 2-pt			0	QAL	use 1/2 DL
97122-BM4-54	5/2/1997	97122-BM4-54	soil	861937.56	431594.25	Dibenzo(a,h)anthracene	0.000	0.360	0	5	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97125-01	5/5/1997	97125-01	soil	861420.75	431416.84	Dibenzo(a,h)anthracene	0.000	0.360	1	1	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
GPT-02-1	3/23/1995	GPT-02	soil	861884.25	432305.41	Dibenzo(a,h)anthracene	0.000	0.360	0	2	0	0	grab				0	Sav	use 1/2 DL
LC-602-SLA	11/30/1994	LC-602	soil	862987.13	433523.91	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-602-SLB	11/30/1994	LC-602	soil	862987.13	433523.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-603-SLB	11/30/1994	LC-603	soil	862676.13	433579.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-604-SLB	11/30/1994	LC-604	soil	862750.13	433817.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-609-SLA	11/30/1994	LC-609	soil	862891.13	432911.91	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-610-SLB	11/30/1994	LC-610	soil	862598.13	433119.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-611-SLB	11/30/1994	LC-611	soil	862591.13	432948.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-612-SLB	11/30/1994	LC-612	soil	862624.13	432670.91	Dibenzo(a,h)anthracene	0.000	0.360	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-614-SLA	11/30/1994	LC-614	soil	862450.13	432681.91	Dibenzo(a,h)anthracene	0.000	0.360	0	1	0	0	comp				0	ESD	use 1/2 DL
950235-OST-31	8/23/1995	OST-31	soil	861606.06	430883.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	W. Side OST Area			0	Pac	use 1/2 DL
96346-RI-15	12/11/1996	96346-RI-15	soil	863038.63	433816.41	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp/grab	phase II upland soil sample			0	Cor	use 1/2 DL
LC-601-SLA	11/30/1994	LC-601	soil	863017.13	433821.91	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-601-SLB	11/30/1994	LC-601	soil	863017.13	433821.91	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-603-SLA	11/29/1994	LC-603	soil	862676.13	433579.91	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-604-SLA	11/30/1994	LC-604	soil	862750.13	433817.91	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-608-SLA	11/30/1994	LC-608	soil	862894.13	433059.91	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-608-SLB	11/30/1994	LC-608	soil	862894.13	433059.91	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	comp				0	ESD	use 1/2 DL
LC-634-SLA	12/1/1994	LC-634	soil	861639.06	431026.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-635-SLA	12/1/1994	LC-635	soil	861622.06	430806.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
LC-638-SLA	11/30/1994	LC-638	soil	861425.06	430877.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp				0	ESD	use 1/2 DL
96214-SRA-49	8/1/1996	96214-SRA-49	soil	861106.88	430791.56	Dibenzo(a,h)anthracene	0.000	0.350	3	5	1	0	comp	post excavation bottom 3-pt brown sand oil sheen			0	QAL	use 1/2 DL
96234-11	8/21/1996	96234-11	soil	861429.06	430948.94	Dibenzo(a,h)anthracene	0.000	0.350	1	2	0	0	grab	brown sand			0	QAL	use 1/2 DL
96235-04	8/22/1996	96235-04	soil	862210.13	432477.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	grab	light brown sand		SBC	0	QAL	use 1/2 DL
96235-06	8/22/1996	96235-06	soil	862191.13	432457.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	grab	wet brown sand		SBC	0	QAL	use 1/2 DL
96235-07	8/22/1996	96235-07	soil	862200.13	432405.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	brown sand		SBC	0	QAL	use 1/2 DL
96235-12	8/22/1996	96235-12	soil	862183.13	432337.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	grab	wet brown sand, trace clay		SBC	0	QAL	use 1/2 DL
96235-NRA-67	8/22/1996	96235-NRA-67	soil	861909.94	433291.78	Dibenzo(a,h)anthracene	0.000	0.350	3	5	1	0	comp	post excavation bottom 4-pt, dark gray sand, hydrocarbon odor			0	QAL	use 1/2 DL
96240-NRA-85	8/27/1996	96240-NRA-85	soil	861782.69	433021.28	Dibenzo(a,h)anthracene	0.000	0.350	3	4	1	0	comp	post excavation, 4-pt composite, dark brown sand, hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96247-13	9/3/1996	96247-13	soil	862028.13	432511.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	grab	brown sand, moist			0	QAL	use 1/2 DL
96249-16	9/5/1996	96249-16	soil	861890.06	432004.94	Dibenzo(a,h)anthracene	0.000	0.350	3	4	0	0	grab	wet brown sand			0	QAL	use 1/2 DL
96254-NWF-01	9/10/1996	96254-NWF-01	soil	861745.06	432390.16	Dibenzo(a,h)anthracene	0.000	0.350	1	1	1	0	comp	post excavation, 5-pt composite, brown sand with some black stained sand, hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96255-10	9/11/1996	96255-10	soil	861229.06	430548.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	grab	tan sand			0	QAL	use 1/2 DL
96255-12	9/11/1996	96255-12	soil	861329.06	430748.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	brown sand			0	QAL	use 1/2 DL
96255-16	9/11/1996	96255-16	soil	861329.06	430648.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	brown sand with some root mass			0	QAL	use 1/2 DL
96256-01	9/12/1996	96256-01	soil	861629.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	tan sand with trace amount of roots			0	QAL	use 1/2 DL
96261-17	9/17/1996	96261-17	soil	862272.13	432960.06	Dibenzo(a,h)anthracene	0.000	0.350	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96262-01	9/18/1996	96262-01	soil	862251.00	432563.44	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	brown sand with trace hardened black material			0	QAL	use 1/2 DL
96263-01	9/19/1996	96263-01	soil	862279.13	432820.53	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	dark brown loamy sand with root debris ans whit/beige fibrous material			0	QAL	use 1/2 DL
96263-04	9/19/1996	96263-04	soil	862106.00	432877.34	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	light brown loamy sand			0	QAL	use 1/2 DL
96284-NRA-110	10/10/1996	96284-NRA-110	soil	861965.75	433280.94	Dibenzo(a,h)anthracene	0.000	0.350	1	2	1	0	comp	post excavation (bottom), 4-pt composite, brown sand			0	QAL	use 1/2 DL
96289-NRA-116	10/15/1996	96289-NRA-116	soil	861977.13	433266.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	1	0	comp	post excavation (bottom), 5-pt composite, brown sand, hydrocarbon odor			0	QAL	use 1/2 DL
96319-NREA-11	11/14/1996	96319-NREA-11	soil	861796.13	432751.94	Dibenzo(a,h)anthracene	0.000	0.350	2	2	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
96331-SD-10	11/26/1996	96331-SD-10	soil	857977.06	429636.03	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	comp/grab	brown wet sand			0	QAL	use 1/2 DL
97014-NREA-22	1/14/1997	97014-NREA-22	soil	861816.13	432805.94	Dibenzo(a,h)anthracene	0.000	0.350	0	3	2	0	comp	post excavation side wall		NREA	0	QAL	use 1/2 DL
97020-NREA-30	1/20/1997	97020-NREA-30	soil	861898.13	433047.94	Dibenzo(a,h)anthracene	0.000	0.350	0	2	2	0	comp	post excavation 3-pt north sidewall		NREA	0	QAL	use 1/2 DL
97020-NREA-33	1/20/1997	97020-NREA-33	soil	861906.13	432999.94	Dibenzo(a,h)anthracene	0.000	0.350	2	2	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97021-NREA-36	1/21/1997	97021-NREA-36	soil	861840.13	433009.94	Dibenzo(a,h)anthracene	0.000	0.350	1	1	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97034-01	2/3/1997	97034-01	soil	862228.13	432283.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	characterization south side boiler house			0	QAL	use 1/2 DL
97034-05	2/3/1997	97034-05	soil	862112.13	432333.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	characterization west side boiler house			0	QAL	use 1/2 DL
97041-SRA-62	2/10/1997	97041-SRA-62	soil	861189.88	430815.84	Dibenzo(a,h)anthracene	0.000	0.350	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97042-06	2/11/1997	97042-06	soil	862286.06	431767.94	Dibenzo(a,h)anthracene	0.000	0.350	0	1	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97043-SRA-68	2/12/1997	97043-SRA-68	soil	861194.88	430857.66	Dibenzo(a,h)anthracene	0.000	0.350	3	3	1	0	comp	post excavation 4-pt bottom			0	QAL	use 1/2 DL
97063-BCF-14	3/4/1997	97063-BCF-14	soil	861995.13	432663.94	Dibenzo(a,h)anthracene	0.000	0.350	0	3	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97063-BCF-16	3/4/1997	97063-BCF-16	soil	861978.13	432599.94	Dibenzo(a,h)anthracene	0.000	0.350	0	3	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97069-NCA-10	3/10/1997	97069-NCA-10	soil	862121.13	432657.94	Dibenzo(a,h)anthracene	0.000	0.350	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97072-NCA-21	3/13/1997	97072-NCA-21	soil	862063.13	432640.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97080-TSA-01	3/21/1997	97080-TSA-01	soil	861885.13	433071.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97080-TSA-02	3/21/1997	97080-TSA-02	soil	861890.13	433109.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97086-SRA-102	3/27/1997	97086-SRA-102	soil	861263.25	431447.44	Dibenzo(a,h)anthracene	0.000	0.350	0	2	2	0	comp	post excavation 3-pt N sidewall			0	QAL	use 1/2 DL
97086-WDI-03	3/27/1997	97086-WDI-03	soil	861990.13	433033.94	Dibenzo(a,h)anthracene	0.000	0.350	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97094-WDI-19	4/4/1997	97094-WDI-19	soil	862176.13	433197.94	Dibenzo(a,h)anthracene	0.000	0.350	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97099-BM4-06	4/9/1997	97099-BM4-06	soil	861461.06	431435.94	Dibenzo(a,h)anthracene	0.000	0.350	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97114-BM4-31	4/24/1997	97114-BM4-31	soil	861514.00	431621.84	Dibenzo(a,h)anthracene	0.000	0.350	0	0	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97120-WDI-41	4/30/1997	97120-WDI-41	soil	862029.13	433210.94	Dibenzo(a,h)anthracene	0.000	0.350	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97122-OST-24	5/2/1997	97122-OST-24	soil	861712.06	431305.94	Dibenzo(a,h)anthracene	0.000	0.350	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97122-OST-25	5/2/1997	97122-OST-25	soil	861717.06	431350.94	Dibenzo(a,h)anthracene	0.000	0.350	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97133-M90	5/13/1997	97133-M90	soil	861800.88	431430.53	Dibenzo(a,h)anthracene	0.000	0.350	2	6	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
97133-MHT-08	5/13/1997	97133-MHT-08	soil	861743.06	431674.94	Dibenzo(a,h)anthracene	0.000	0.350	2	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97133-MHT-09	5/13/1997	97133-MHT-09	soil	861729.06	431606.94	Dibenzo(a,h)anthracene	0.000	0.350	4	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97134-MHT-10	5/14/1997	97134-MHT-10	soil	861671.06	431683.94	Dibenzo(a,h)anthracene	0.000	0.350	4	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96169-SRA-18	6/17/1996	96169-SRA-18	soil	861090.06	430568.84	Dibenzo(a,h)anthracene	0.000	0.340	3	4	1	0	comp	post excavation bottom clinker 5-pt			0	QAL	use 1/2 DL
96176-OST-11	6/24/1996	96176-OST-11	soil	861575.56	430669.97	Dibenzo(a,h)anthracene	0.000	0.340	3	4	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96190-M52	7/8/1996	96190-M52	soil	861933.94	431231.44	Dibenzo(a,h)anthracene	0.000	0.340	1	3	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96194-SRA-34	7/12/1996	96194-SRA-34	soil	861139.38	430629.47	Dibenzo(a,h)anthracene	0.000	0.340	2	3	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
96197-M56	7/15/1996	96197-M56	soil	861962.50	431401.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96234-09	8/21/1996	96234-09	soil	861429.06	430948.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown sand			0	QAL	use 1/2 DL
96235-08	8/22/1996	96235-08	soil	862200.13	432405.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	wet brown sand		SBC	0	QAL	use 1/2 DL
96235-09	8/22/1996	96235-09	soil	862183.13	432383.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown sand		SBC	0	QAL	use 1/2 DL
96235-10	8/22/1996	96235-10	soil	862183.13	432383.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	wet brown sand		SBC	0	QAL	use 1/2 DL
96235-11	8/22/1996	96235-11	soil	862183.13	432337.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown sand		SBC	0	QAL	use 1/2 DL
96235-NREA-66	8/22/1996	96235-NREA-66	soil	861869.13	432676.94	Dibenzo(a,h)anthracene	0.000	0.340	1	1	1	0	comp	post excavation bottom 5-pt, brown sand		NREA	0	QAL	use 1/2 DL

Table 4. Summary of Non Detects for Dibenzo(a)Anthracene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96239-NRA-80	8/26/1996	96239-NRA-80	soil	861910.06	433263.84	Dibenzo(a,h)anthracene	0.000	0.340	0	3	2	0	comp	post excavation, 3-pt composite, dark brown sand, hydrocarbon odor, s. sidewall			0	QAL	use 1/2 DL
96240-NRA-83	8/27/1996	96240-NRA-83	soil	861863.88	433087.44	Dibenzo(a,h)anthracene	0.000	0.340	0	4	2	0	comp	post excavation, 3-pt composite, brown sand/dark grey sand, hydrocarbon odor, e. sidewall			0	QAL	use 1/2 DL
96247-15	9/3/1996	96247-15	soil	862011.13	432422.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96254-05	9/10/1996	96254-05	soil	861429.06	430848.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	dark brown sand with some loamy materia			0	QAL	use 1/2 DL
96254-09	9/10/1996	96254-09	soil	861529.06	430848.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	dark brown to light brown sand			0	QAL	use 1/2 DL
96254-10	9/10/1996	96254-10	soil	861529.06	430848.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	tan sand			0	QAL	use 1/2 DL
96255-07	9/11/1996	96255-07	soil	861229.06	430648.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	grey to brown sand			0	QAL	use 1/2 DL
96255-08	9/11/1996	96255-08	soil	861229.06	430548.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	dark brown to light brown sand with small pieces of black hardened material			0	QAL	use 1/2 DL
96255-18	9/11/1996	96255-18	soil	861329.06	430548.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown sand			0	QAL	use 1/2 DL
96256-03	9/12/1996	96256-03	soil	861629.06	431248.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown to tan sand			0	QAL	use 1/2 DL
96260-07	9/16/1996	96260-07	soil	862383.63	433131.56	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown sand with debris (i.e., brick, ballast)			0	QAL	use 1/2 DL
96260-13	9/16/1996	96260-13	soil	862233.31	433039.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	tan sand with rust stains			0	QAL	use 1/2 DL
96261-20	9/17/1996	96261-20	soil	862943.81	432825.19	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	dark brown loamy sand with root debris			0	QAL	use 1/2 DL
96262-12	9/18/1996	96262-12	soil	862330.31	432745.94	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	brown to tan sand, trace black hardened material			0	QAL	use 1/2 DL
96262-14	9/18/1996	96262-14	soil	862230.63	432730.25	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	black cinder-like material with trace debris			0	QAL	use 1/2 DL
96263-02	9/19/1996	96263-02	soil	862179.75	432828.31	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	light brown to tan sand			0	QAL	use 1/2 DL
96263-03	9/19/1996	96263-03	soil	862179.75	432828.31	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96285-NRA-113	10/11/1996	96285-NRA-113	soil	861917.13	433232.44	Dibenzo(a,h)anthracene	0.000	0.340	1	1	1	0	comp	post excavation (bottom), 5-pt composite, brown/dark brown sand, hydrocarbon odor			0	QAL	use 1/2 DL
96289-NRA-117	10/15/1996	96289-NRA-117	soil	861965.75	433219.47	Dibenzo(a,h)anthracene	0.000	0.340	2	2	1	0	comp	post excavation (bottom, e.grid), 5-pt composite, brown sand, hydrocarbon odor			0	QAL	use 1/2 DL
96305-09	10/31/1996	96305-09	soil	862782.13	432488.91	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96318-SBC-03	11/13/1996	96318-SBC-03	soil	862204.13	432513.94	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation 3-pt north sidewall		SBC	0	QAL	use 1/2 DL
96319-NCA-01	11/14/1996	96319-NCA-01	soil	862225.13	433182.03	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96325-RI-03	11/20/1996	96325-RI-03	soil	862788.63	432616.41	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	comp/grab	dark gray & brown loamy sand			0	QAL	use 1/2 DL
96325-RI-06	11/20/1996	96325-RI-06	soil	862738.63	432841.41	Dibenzo(a,h)anthracene	0.000	0.340	2	3	0	0	comp/grab	light brown-orange sand			0	QAL	use 1/2 DL
96331-RI-13	11/27/1996	96331-RI-13	soil	862813.56	431491.41	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	comp/grab	brown & gray loamy sand			0	QAL	use 1/2 DL
96331-SD-12	11/26/1996	96331-SD-12	soil	858013.06	429669.03	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	comp/grab	brown & light gray sand			0	QAL	use 1/2 DL
97008-NRA-159	1/8/1997	97008-NRA-159	soil	862164.69	433257.81	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
97021-NREA-35	1/21/1997	97021-NREA-35	soil	861854.13	433041.94	Dibenzo(a,h)anthracene	0.000	0.340	1	1	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97027-NREA-41	1/27/1997	97027-NREA-41	soil	861824.63	432899.94	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation bottom 5-pt		NREA	0	QAL	use 1/2 DL
97034-07	2/3/1997	97034-07	soil	862096.13	432407.34	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	characterization NE corner locker room			0	QAL	use 1/2 DL
97041-SRA-63	2/10/1997	97041-SRA-63	soil	861199.94	430806.66	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation 3-pt east sidewall			0	QAL	use 1/2 DL
97042-01	2/11/1997	97042-01	soil	862318.06	431967.91	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97042-03	2/11/1997	97042-03	soil	862302.06	431865.91	Dibenzo(a,h)anthracene	0.000	0.340	0	1	0	0	grab	characterization east of cell buildings			0	QAL	use 1/2 DL
97050-RBT-05	2/19/1997	97050-RBT-05	soil	862736.13	432493.91	Dibenzo(a,h)anthracene	0.000	0.340	1	3	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97050-RBT-06	2/19/1997	97050-RBT-06	soil	862766.13	432490.91	Dibenzo(a,h)anthracene	0.000	0.340	1	3	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-SRA-76	2/20/1997	97051-SRA-76	soil	861196.94	430947.34	Dibenzo(a,h)anthracene	0.000	0.340	3	3	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97066-03	3/7/1997	97066-03	soil	861891.13	433117.94	Dibenzo(a,h)anthracene	0.000	0.340	0	0	0	0	grab	soil @ concrete tank supports		NREA	0	QAL	use 1/2 DL
97069-NCA-09	3/10/1997	97069-NCA-09	soil	862140.13	432608.94	Dibenzo(a,h)anthracene	0.000	0.340	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97078-01	3/19/1997	97078-01	soil	862234.13	432644.72	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97086-CTA-01	3/27/1997	97086-CTA-01	soil	861747.06	431746.94	Dibenzo(a,h)anthracene	0.000	0.340	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97090-CTA-05	3/31/1997	97090-CTA-05	soil	861755.06	431800.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97090-WDI-04	3/31/1997	97090-WDI-04	soil	862020.13	433050.94	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97090-WDI-06	3/31/1997	97090-WDI-06	soil	861999.13	433099.94	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97092-CTA-09	4/2/1997	97092-CTA-09	soil	861749.06	431887.94	Dibenzo(a,h)anthracene	0.000	0.340	0	3	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
97093-CTA-10	4/3/1997	97093-CTA-10	soil	861722.06	431757.94	Dibenzo(a,h)anthracene	0.000	0.340	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97106-BM4-13	4/16/1997	97106-BM4-13	soil	861476.25	431406.25	Dibenzo(a,h)anthracene	0.000	0.340	3	4	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97107-BM4-18	4/17/1997	97107-BM4-18	soil	861512.06	431543.44	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97107-BM4-19	4/17/1997	97107-BM4-19	soil	861489.75	431419.84	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97108-BM4-22	4/18/1997	97108-BM4-22	soil	861509.75	431497.53	Dibenzo(a,h)anthracene	0.000	0.340	0	4	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97114-BM4-30	4/24/1997	97114-BM4-30	soil	861535.56	431553.53	Dibenzo(a,h)anthracene	0.000	0.340	0	3	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97114-WDI-36	4/24/1997	97114-WDI-36	soil	862117.13	433130.94	Dibenzo(a,h)anthracene	0.000	0.340	4	4	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
97121-OST-17	5/1/1997	97121-OST-17	soil	861691.06	431199.94	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97121-OST-18	5/1/1997	97121-OST-18	soil	861685.06	431146.94	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation S sidewall 3-pt			0	QAL	use 1/2 DL
97121-OST-21	5/1/1997	97121-OST-21	soil	861693.06	431237.94	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation N sidewall 3-pt			0	QAL	use 1/2 DL
97122-OST-22	5/2/1997	97122-OST-22	soil	861712.06	431188.94	Dibenzo(a,h)anthracene	0.000	0.340	1	2	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
97122-OST-26	5/2/1997	97122-OST-26	soil	861703.06	431277.94	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation S sidewall 3-pt			0	QAL	use 1/2 DL
97122-OST-29	5/2/1997	97122-OST-29	soil	861721.19	431382.25	Dibenzo(a,h)anthracene	0.000	0.340	0	2	2	0	comp	post excavation N sidewall 3-pt			0	QAL	use 1/2 DL
97125-M80	5/5/1997	97125-M80	soil	861841.88	431492.94	Dibenzo(a,h)anthracene	0.000	0.340	5	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97129-MHT-01	5/9/1997	97129-MHT-01	soil	861684.06	431790.94	Dibenzo(a,h)anthracene	0.000	0.340	1	1	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97134-MHT-11	5/14/1997	97134-MHT-11	soil	861660.06	431628.94	Dibenzo(a,h)anthracene	0.000	0.340	4	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96170-NRA-38	6/18/1996	96170-NRA-38	soil	861746.25	432907.41	Dibenzo(a,h)anthracene	0.000	0.330	2	3	1	0	comp	post excavation bottom 2-pt			0	QAL	use 1/2 DL
96171-SRA-19	6/19/1996	96171-SRA-19	soil	861079.06	430915.75	Dibenzo(a,h)anthracene	0.000	0.330	1	2	1	0	comp	post excaation bottom 5-pt			0	QAL	use 1/2 DL
96192-M54	7/10/1996	96192-M54	soil	861950.00	431328.44	Dibenzo(a,h)anthracene	0.000	0.330	1	2	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96200-M64	7/16/1996	96200-M64	soil	861933.75	431540.94	Dibenzo(a,h)anthracene	0.000	0.330	2	3	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96200-SRA-42	7/18/1996	96200-SRA-42	soil	861149.13	430647.56	Dibenzo(a,h)anthracene	0.000	0.330	0	4	2	0	comp	post excavation upper east sidewall 3-pt			0	QAL	use 1/2 DL
96204-M66	7/22/1996	96204-M66	soil	861874.75	431548.44	Dibenzo(a,h)anthracene	0.000	0.330	2	3	1	0	comp	post exovation bottom 5-pt			0	QAL	use 1/2 DL
96219-07	8/6/1996	96219-07	soil	861871.13	432665.94	Dibenzo(a,h)anthracene	0.000	0.330	1	2	0	0	grab	brown sand		NREA	0	QAL	use 1/2 DL
96232-03	8/19/1996	96232-03	soil	861922.13	433065.94	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	hard tar at surface, brown sand with hydrocarbon odor		NREA	0	QAL	use 1/2 DL
96232-04	8/19/1996	96232-04	soil	861922.13	433065.94	Dibenzo(a,h)anthracene	0.000	0.330	1	2	0	0	grab	brown sand, strong hydrocarbon odor		NREA	0	QAL	use 1/2 DL
96247-14	9/3/1996	96247-14	soil	862011.13	432422.94	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	brown sand with some grey			0	QAL	use 1/2 DL
96255-06	9/11/1996	96255-06	soil	861229.06	430648.94	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	brown sand with traces of root mass			0	QAL	use 1/2 DL
96255-19	9/11/1996	96255-19	soil	861329.06	430548.94	Dibenzo(a,h)anthracene	0.000	0.330	2	3	0	0	grab	light brown moist sand			0	QAL	use 1/2 DL
96260-11	9/16/1996	96260-11	soil	862288.31	433031.19	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	dark brown sand			0	QAL	use 1/2 DL
96260-15	9/16/1996	96260-15	soil	862352.38	432927.16	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	dark brown sand with loamy material			0	QAL	use 1/2 DL
96261-18	9/17/1996	96261-18	soil	862214.50	432953.63	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	brown sand with trace tan sand			0	QAL	use 1/2 DL
96263-05	9/19/1996	96263-05	soil	862106.00	432877.34	Dibenzo(a,h)anthracene	0.000	0.330	2	3	0	0	grab	brown sand			0	QAL	use 1/2 DL
96297-NWF-24	10/23/1996	96297-NWF-24	soil	861714.31	432555.53	Dibenzo(a,h)anthracene	0.000	0.330	3	4	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
96297-NWF-25	10/23/1996	96297-NWF-25	soil	861693.13	432567.31	Dibenzo(a,h)anthracene	0.000	0.330	1	1	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96303-CPS-14	10/29/1996	96303-CPS-14	soil	861668.56	432099.34	Dibenzo(a,h)anthracene	0.000	0.330	0	1	2	0	comp	post excavation 3-pt north sidewall			0	QAL	use 1/2 DL
96330-RI-07	11/25/1996	96330-RI-07	soil	862588.56	432116.41	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	comp/grab	brown sand, organics			0	QAL	use 1/2 DL
96330-RI-10	11/25/1996	96330-RI-10	soil	862988.63	433491.41	Dibenzo(a,h)anthracene	0.000	0.330	2	3	0	0	comp/grab	light & dark brown sand			0	QAL	use 1/2 DL
96346-RI-16	12/11/1996	96346-RI-16	soil	863038.63	433816.41	Dibenzo(a,h)anthracene	0.000	0.330	2	3	0	0	comp/grab	phase II upland soil sample			0	QAL	use 1/2 DL
97008-NRA-158	1/8/1997	97008-NRA-158	soil	862183.00	433306.88	Dibenzo(a,h)anthracene	0.000	0.330	0	2	2	0	comp	post excavation 3-pt east sidewall			0	QAL	use 1/2 DL
97034-NREA-48	2/3/1997	97034-NREA-48	soil	861840.94	432943.22	Dibenzo(a,h)anthracene	0.000	0.330	1	2	1	0	comp	post excavation 5-pt bottom		NREA	0	QAL	use 1/2 DL
97036-03	2/5/1997	97036-03	soil	862280.13	432467.91	Dibenzo(a,h)anthracene	0.000	0.330	0	1	0	0	grab	characterization east side boiler house		EBH	0	QAL	use 1/2 DL
97050-RBT-07	2/19/1997	97050-RBT-07	soil	862796.13	432485.91	Dibenzo(a,h)anthracene	0.000	0.330	1	3	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-RBT-08	2/20/1997	97051-RBT-08	soil	862776.13	432415.91	Dibenzo(a,h)anthracene	0.000	0.330	1	3	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-RBT-10	2/20/1997	97051-RBT-10	soil	862738.13	432423.91	Dibenzo(a,h)anthracene	0.000	0.330	1	3	1	0	comp	SW enclosure post excavation 5-pt bottom			0	QAL	use 1/2 DL
97051-SRA-77	2/20/1997	97051-SRA-77	soil	861103.94	430990.97	Dibenzo(a,h)anthracene	0.000	0.330	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97069-NCA-07	3/10/1997	97069-NCA-07	soil	862145.13	432602.94	Dibenzo(a,h)anthracene	0.000	0.330	0	2	2	0	comp	post excavation E sidewall 3-pt			0	QAL	use 1/2 DL
97069-NCA-08	3/10/1997	97069-NCA-08	soil	862109.13	432564.94	Dibenzo(a,h)anthracene	0.000	0.330	2	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97071-NCA-17	3/12/1997	97071-NCA-17	soil	862136.13	432740.94	Dibenzo(a,h)anthracene	0.000	0.330	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97091-SRA-106	4/1/1997	97091-SRA-106	soil	861220.88	431434.16	Dibenzo(a,h)anthracene	0.000	0.330	0	5	2	0	comp	post excavation W sidwall 3-pt			0	QAL	use 1/2 DL
97093-CTA-11	4/3/1997	97093-CTA-11	soil	861718.06	431748.94	Dibenzo(a,h)anthracene	0.000	0.330	1	3	2	0	comp	post excavation W sidwall 3-pt			0	QAL	use 1/2 DL
97097-SRA-121	4/7/1997	97097-SRA-121	soil	861185.25	431344.34	Dibenzo(a,h)anthracene	0.000	0.330	0	1	2	0	comp	post excavation 3-pt W sidewall			0	QAL	use 1/2 DL
97097-WDI-21	4/7/1997	97097-WDI-21	soil	862055.13	432946.94	Dibenzo(a,h)anthracene	0.000	0.330	0	4	2	0	comp	post excavation 3-pt S sidewall			0	QAL	use 1/2 DL
97114-BM4-32	4/24/1997	97114-BM4-32	soil	861519.69	431578.25	Dibenzo(a,h)anthracene	0.000	0.330	4	4	1	0	comp	post excavation bottom 3-pt			0	QAL	use 1/2 DL
97122-OST-27	5/2/1997	97122-OST-27	soil	861691.06	431325.94	Dibenzo(a,h)anthracene	0.000	0.330	0	1	2	0	comp	post excavation W sidwall 3-pt			0	QAL	use 1/2 DL
97129-M85	5/9/1997	97129-M85	soil	861835.06	431448.44	Dibenzo(a,h)anthracene	0.000	0.330	5	6	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97136-MHT-12	5/16/1997	97136-MHT-12	soil	861681.06	431742.94	Dibenzo(a,h)anthracene	0.000	0.330	4	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97143-M96	5/23/1997	97143-M96	soil	861884.06	431359.94	Dibenzo(a,h)anthracene	0.000	0.330	4	5	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97143-M97	5/23/1997	97143-M97	soil	861905.06	431276.94	Dibenzo(a,h)anthracene	0.000	0.330	3	4	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96169-M50	6/17/1996	96169-M50	soil	861990.25	431163.13	Dibenzo(a,h)anthracene	0.000	0.320	1	1	1	0	comp	post excavation bottom 5-pt			0	QAL	use 1/2 DL
96190-M51	7/8/1996	96190-M51	soil	861929.56	431177.22	Dibenzo(a,h)anthracene	0.000	0.320	1	2	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96198-SRA-38	7/16/1996	96198-SRA-38	soil	861139.38	430668.47	Dibenzo(a,h)anthracene	0.000	0.320	3	3	1	0	comp	post excavation upper east bottom			0	QAL	use 1/2 DL
96200-NRA-56	7/18/1996	96200-NRA-56	soil	861857.19	433338.25	Dibenzo(a,h)anthracene	0.000	0.320	0	2	2	0	comp	post excavation south sidewall 3-pt			0	QAL	use 1/2 DL
96206-M74	7/24/1996	96206-M74	soil	861981.25	431521.72	Dibenzo(a,h)anthracene	0.000	0.320	2	4	1	0	comp	post exovation bottom 5-pt			0	QAL	use 1/2 DL

Table 4. Summary of Non Detects for Dibenzo(a)Anthracene in Subsurface Soils

SAMPLE_ID	DATE_SAMPL	LOCATION	MATRIX	X_STATEPLA	Y_STATEPLA	PARAMETER	RESULT_PPM	DL_PPM	D1	D2	POST_EX	REMOVED	TYPE	DESCRIPTIO	SAMPLING_E	SUB_AREA	DUP	LAB	Proposed HHBRA Usage Convention
96214-01	8/1/1996	96214-01	soil	861529.06	431248.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-02	8/1/1996	96214-02	soil	861529.06	431248.94	Dibenzo(a,h)anthracene	0.000	0.320	1	2	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-04	8/1/1996	96214-04	soil	861429.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.320	1	2	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-05	8/1/1996	96214-05	soil	861529.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-06	8/1/1996	96214-06	soil	861529.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.320	1	2	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96218-01	8/5/1996	96218-01	soil	861319.06	430948.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	brown sand			0	QAL	use 1/2 DL
96218-03	8/5/1996	96218-03	soil	861429.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	light brown sand			0	QAL	use 1/2 DL
96218-04	8/5/1996	96218-04	soil	861429.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.320	1	2	0	0	grab	light brown sand			0	QAL	use 1/2 DL
96235-NRA-68	8/22/1996	96235-NRA-68	soil	861889.13	433306.94	Dibenzo(a,h)anthracene	0.000	0.320	0	4	2	0	comp	post excavation west sidewall, 3-pt, gray sand			0	QAL	use 1/2 DL
96240-NRA-82	8/27/1996	96240-NRA-82	soil	861848.31	433079.75	Dibenzo(a,h)anthracene	0.000	0.320	4	4	1	0	comp	post excavation, 4-pt composite, brown sand with hydrocarbon odor, bottom			0	QAL	use 1/2 DL
96247-11	9/3/1996	96247-11	soil	862028.13	432511.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	dark brown sand with petroleum stains, petroleum odor			0	QAL	use 1/2 DL
96247-16	9/3/1996	96247-16	soil	861969.13	432326.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	light brown to grey sand			0	QAL	use 1/2 DL
96255-03	9/11/1996	96255-03	soil	861229.06	430748.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	light to brown sand			0	QAL	use 1/2 DL
96255-23	9/11/1996	96255-23	soil	861679.06	430948.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	brown sand with some root mass			0	QAL	use 1/2 DL
96260-05	9/16/1996	96260-05	soil	862285.19	433148.91	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	brown sand with trace tan sand			0	QAL	use 1/2 DL
96260-08	9/16/1996	96260-08	soil	862383.63	433131.56	Dibenzo(a,h)anthracene	0.000	0.320	2	3	0	0	grab	tan sand			0	QAL	use 1/2 DL
96260-10	9/16/1996	96260-10	soil	862369.44	433021.44	Dibenzo(a,h)anthracene	0.000	0.320	2	3	0	0	grab	tan sand			0	QAL	use 1/2 DL
96261-15	9/17/1996	96261-15	soil	862272.13	432960.06	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	brown loamy sand			0	QAL	use 1/2 DL
96262-10	9/18/1996	96262-10	soil	862043.13	432783.94	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	grab	brown sand			0	QAL	use 1/2 DL
96325-RI-01	11/20/1996	96325-RI-01	soil	862938.63	432916.41	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	comp/grab	brown silty sand, some black granular material			0	QAL	use 1/2 DL
96325-RI-05	11/20/1996	96325-RI-05	soil	862738.63	432841.41	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	comp/grab	brown loamy sand			0	QAL	use 1/2 DL
96330-RI-09	11/25/1996	96330-RI-09	soil	862988.63	433491.41	Dibenzo(a,h)anthracene	0.000	0.320	0	1	0	0	comp/grab	brown & light tan sand			0	QAL	use 1/2 DL
97057-BCF-06	2/26/1997	97057-BCF-06	soil	861972.13	432332.94	Dibenzo(a,h)anthracene	0.000	0.320	0	3	2	0	comp	post excavation 3-pt south sidewall			0	QAL	use 1/2 DL
97057-BCF-07	2/26/1997	97057-BCF-07	soil	861954.13	432392.94	Dibenzo(a,h)anthracene	0.000	0.320	0	3	2	0	comp	post excavation 3-pt west sidewall			0	QAL	use 1/2 DL
97070-NCA-13	3/11/1997	97070-NCA-13	soil	862053.13	432597.94	Dibenzo(a,h)anthracene	0.000	0.320	1	1	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97121-OST-19	5/1/1997	97121-OST-19	soil	861674.06	431190.94	Dibenzo(a,h)anthracene	0.000	0.320	0	2	2	0	comp	post excavation W sidewall 3-pt			0	QAL	use 1/2 DL
96190-04	7/8/1996	96190-04	soil	861097.06	431065.97	Dibenzo(a,h)anthracene	0.000	0.310	2	2	0	0	grab	berm west of brine mud impoundments			0	QAL	use 1/2 DL
96198-SRA-39	7/16/1996	96198-SRA-39	soil	861154.06	430673.75	Dibenzo(a,h)anthracene	0.000	0.310	0	3	2	0	comp	post excavation east sidewall 3-pt			0	QAL	use 1/2 DL
96200-NRA-55	7/18/1996	96200-NRA-55	soil	861877.13	433381.94	Dibenzo(a,h)anthracene	0.000	0.310	0	2	2	0	comp	post excavation north sidewall 3-pt			0	QAL	use 1/2 DL
96206-M75	7/24/1996	96206-M75	soil	861931.25	431513.53	Dibenzo(a,h)anthracene	0.000	0.310	2	3	1	0	comp	post excavation bottom 4-pt			0	QAL	use 1/2 DL
96214-03	8/1/1996	96214-03	soil	861429.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.310	0	1	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-07	8/1/1996	96214-07	soil	861329.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.310	0	1	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96214-08	8/1/1996	96214-08	soil	861329.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.310	1	2	0	0	grab	Phase IIIC Characterization samples			0	QAL	use 1/2 DL
96218-02	8/5/1996	96218-02	soil	861319.06	430948.94	Dibenzo(a,h)anthracene	0.000	0.310	1	2	0	0	grab	light brown sand			0	QAL	use 1/2 DL
96226-NRA-60	8/13/1996	96226-NRA-60	soil	861675.13	433190.94	Dibenzo(a,h)anthracene	0.000	0.310	4	6	1	0	comp	post excavation bottom 3-pt brown sand hydrocarbon odor			0	QAL	use 1/2 DL
96260-09	9/16/1996	96260-09	soil	862369.44	433021.44	Dibenzo(a,h)anthracene	0.000	0.310	0	1	0	0	grab	brown loamy sand with root debris			0	QAL	use 1/2 DL
97071-NCA-18	3/12/1997	97071-NCA-18	soil	862166.13	432743.94	Dibenzo(a,h)anthracene	0.000	0.310	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97136-SRA-144	5/16/1997	97136-SRA-144	soil	861285.06	431000.94	Dibenzo(a,h)anthracene	0.000	0.310	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97140-SRA-146	5/20/1997	97140-SRA-146	soil	861273.06	430940.94	Dibenzo(a,h)anthracene	0.000	0.310	1	1	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
97141-SRA-147	5/21/1997	97141-SRA-147	soil	861253.06	430904.94	Dibenzo(a,h)anthracene	0.000	0.310	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
96234-05	8/21/1996	96234-05	soil	861529.06	431148.94	Dibenzo(a,h)anthracene	0.000	0.300	3	4	0	0	grab	wet gray sand, hydrocarbon odor			0	QAL	use 1/2 DL
96234-06	8/21/1996	96234-06	soil	861529.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.300	0	1	0	0	grab	tan sand			0	QAL	use 1/2 DL
96234-07	8/21/1996	96234-07	soil	861529.06	431048.94	Dibenzo(a,h)anthracene	0.000	0.300	1	2	0	0	grab	tan sand			0	QAL	use 1/2 DL
96239-06	8/26/1996	96239-06	soil	861784.13	432598.94	Dibenzo(a,h)anthracene	0.000	0.300	2	3	0	0	grab	wet tan sand, oil stained with a petroleum odor			0	QAL	use 1/2 DL
97136-SRA-145	5/16/1997	97136-SRA-145	soil	861276.06	430971.94	Dibenzo(a,h)anthracene	0.000	0.300	1	2	1	0	comp	post excavation 5-pt bottom			0	QAL	use 1/2 DL
09129-SL12-0-2	5/9/2009	SL-12	soil	862156.56	432652.03	Dibenzo(a,h)anthracene	0.000	0.000	0	2	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09129-SL15-1-3	5/9/2009	SL-15	soil	862723.06	432456.75	Dibenzo(a,h)anthracene	0.000	0.000	1	3	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09129-SL19-0.5-2.5	5/9/2009	SL-19	soil	861430.13	432092.22	Dibenzo(a,h)anthracene	0.000	0.000	1	3	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09129-SL26-0-2	5/9/2009	SL-26	soil	861897.75	432398.03	Dibenzo(a,h)anthracene	0.000	0.000	0	2	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09129-SL28-2-4	5/9/2009	SL-28	soil	861856.56	432793.56	Dibenzo(a,h)anthracene	0.000	0.000	2	4	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09129-SL7-0.5-2.5	5/9/2009	SL-7	soil	861446.31	431893.16	Dibenzo(a,h)anthracene	0.000	0.000	1	3	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09130-SL22-0-2	5/10/2009	SL-22	soil	861114.69	431215.75	Dibenzo(a,h)anthracene	0.000	0.000	0	2	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL
09130-SL23-2.5-4	5/10/2009	SL-23	soil	861738.38	431673.16	Dibenzo(a,h)anthracene	0.000	0.000	3	4	0	0	grab		May 2009 Upland Soill Sampling		0	CAS	use 1/2 DL

Notes: Omit data record due to elevated detection limit (above RGO value at 10-5)

FIgure 1

Comparison of # Samples TEG Lab to Other Labs
Surface Soils

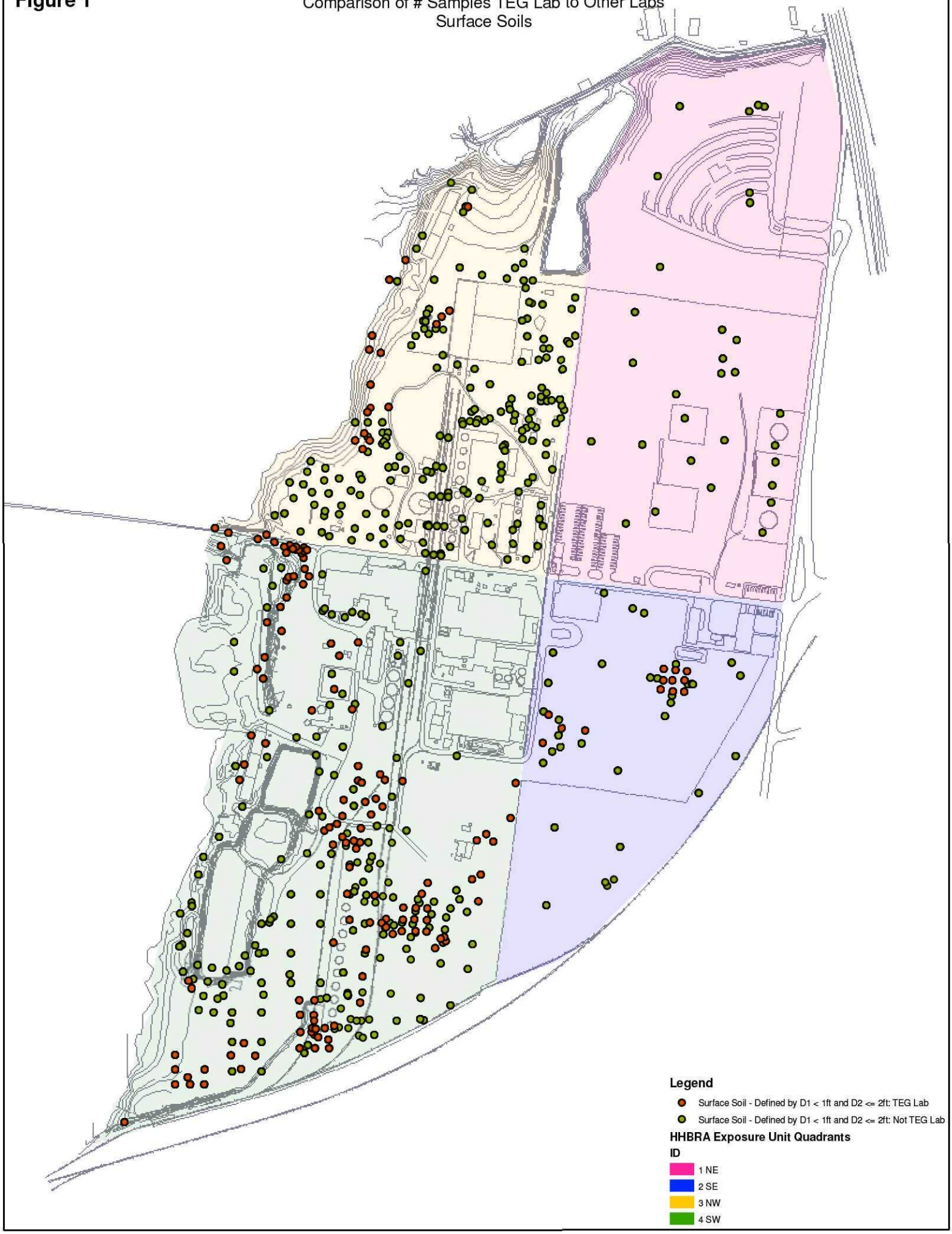


FIgure 2

Comparison of # Samples TEG Lab to Other Labs
Subsurface Soils

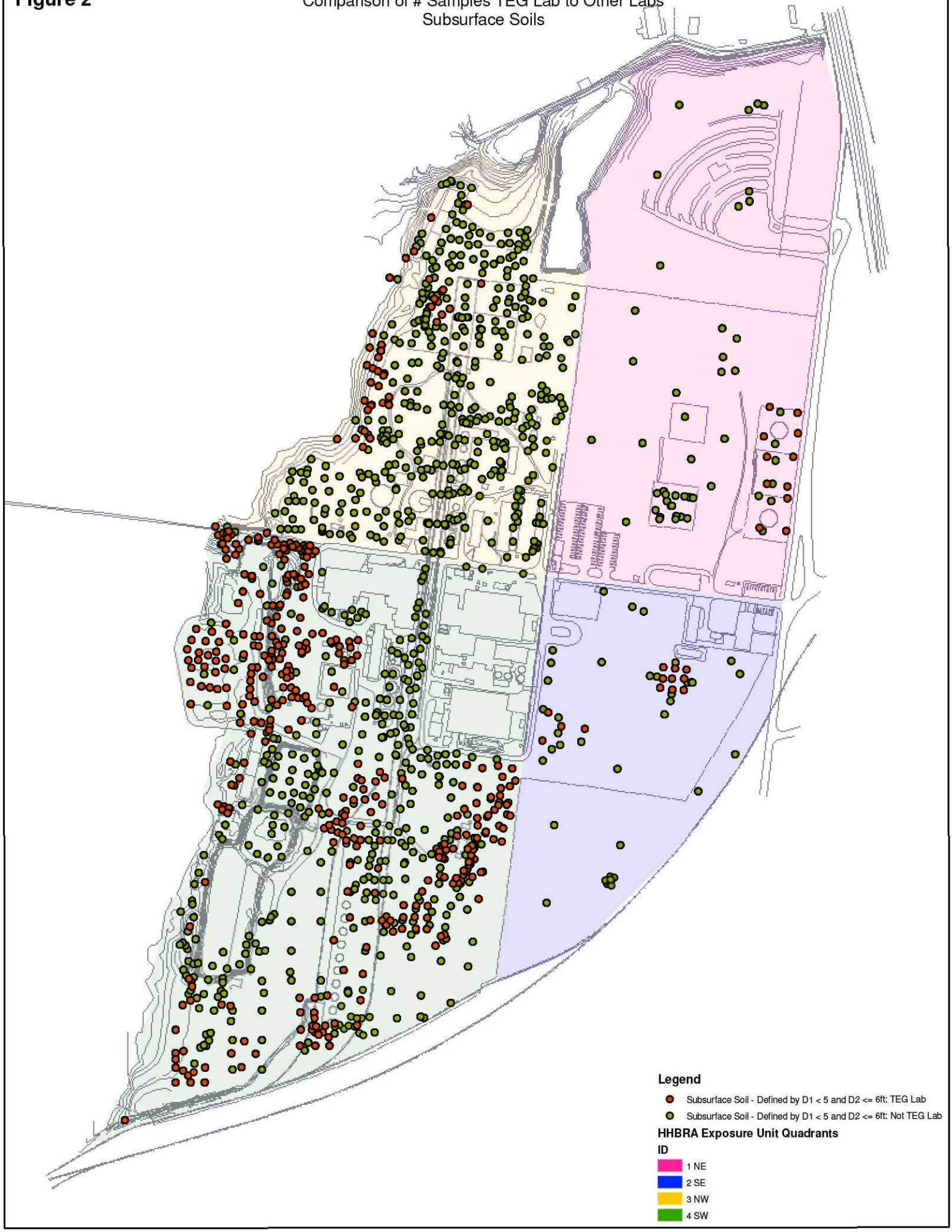


FIgure 3

Number of Non-detects to Detects - Aroclor 1268
Surface Soils

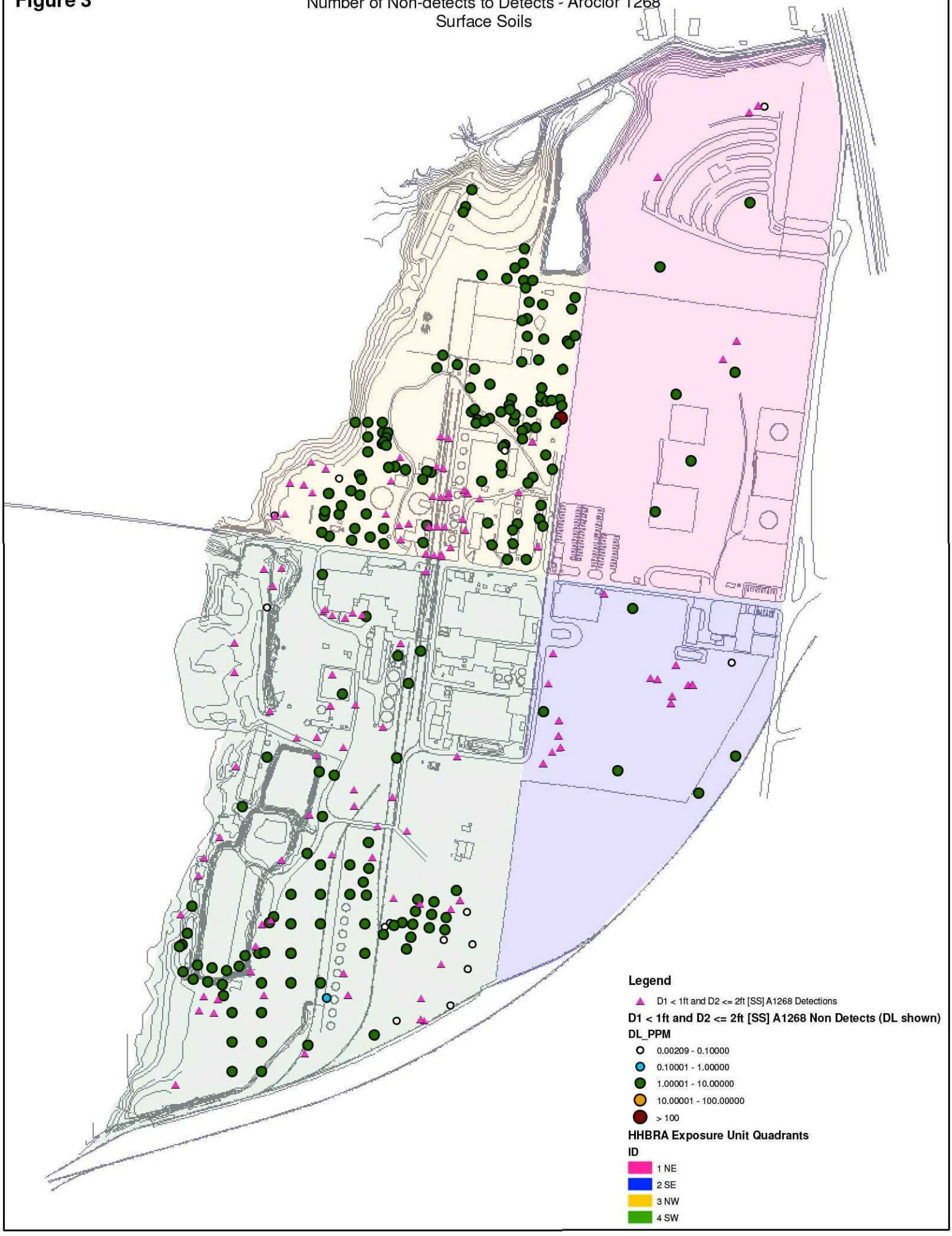


FIgure 4

Number of Non-detects to Detects - Aroclor 1268
Subsurface Soils

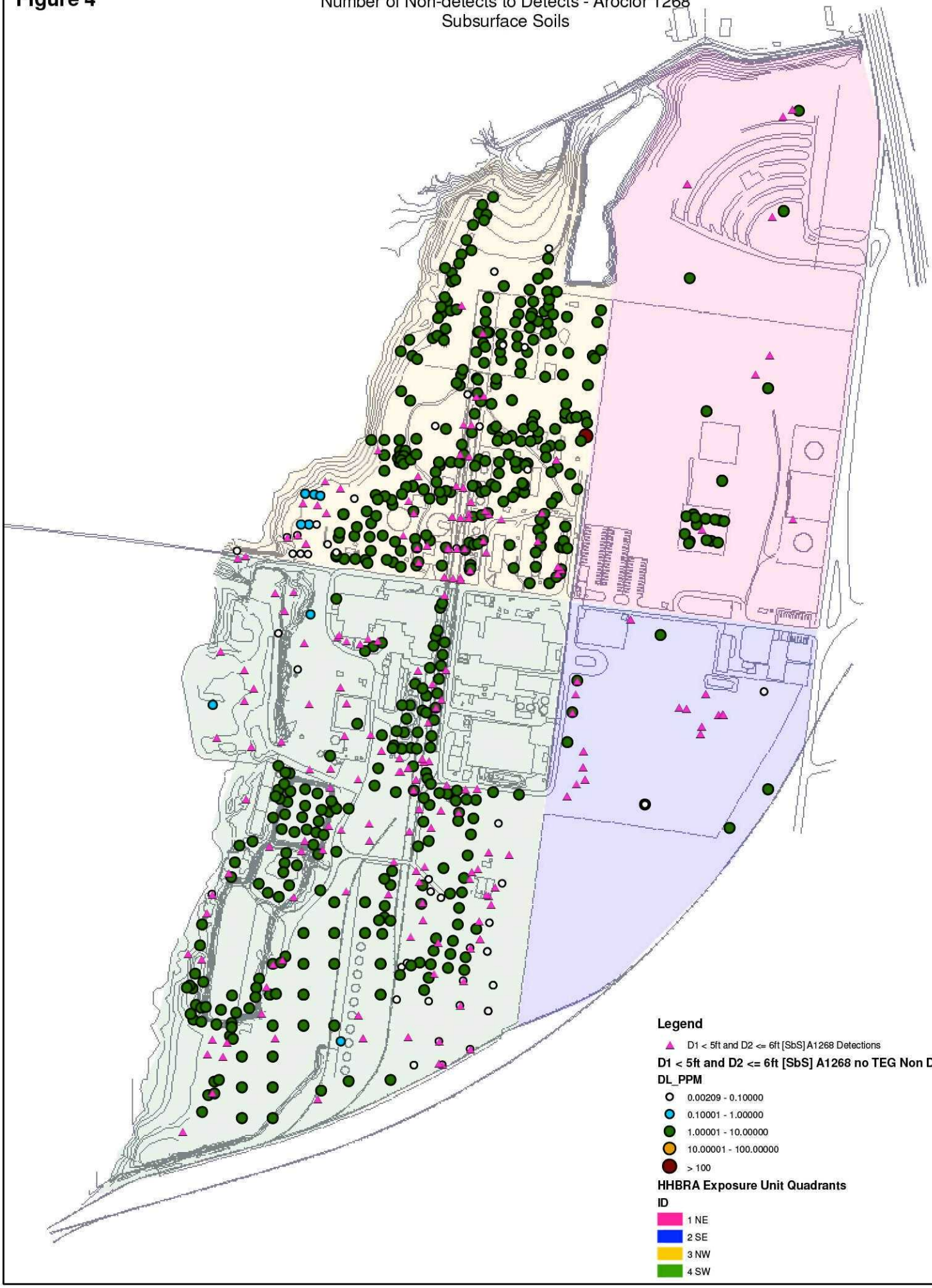


FIgure 5

Number of Non-detects to Detects - Mercury
Subsurface Soils

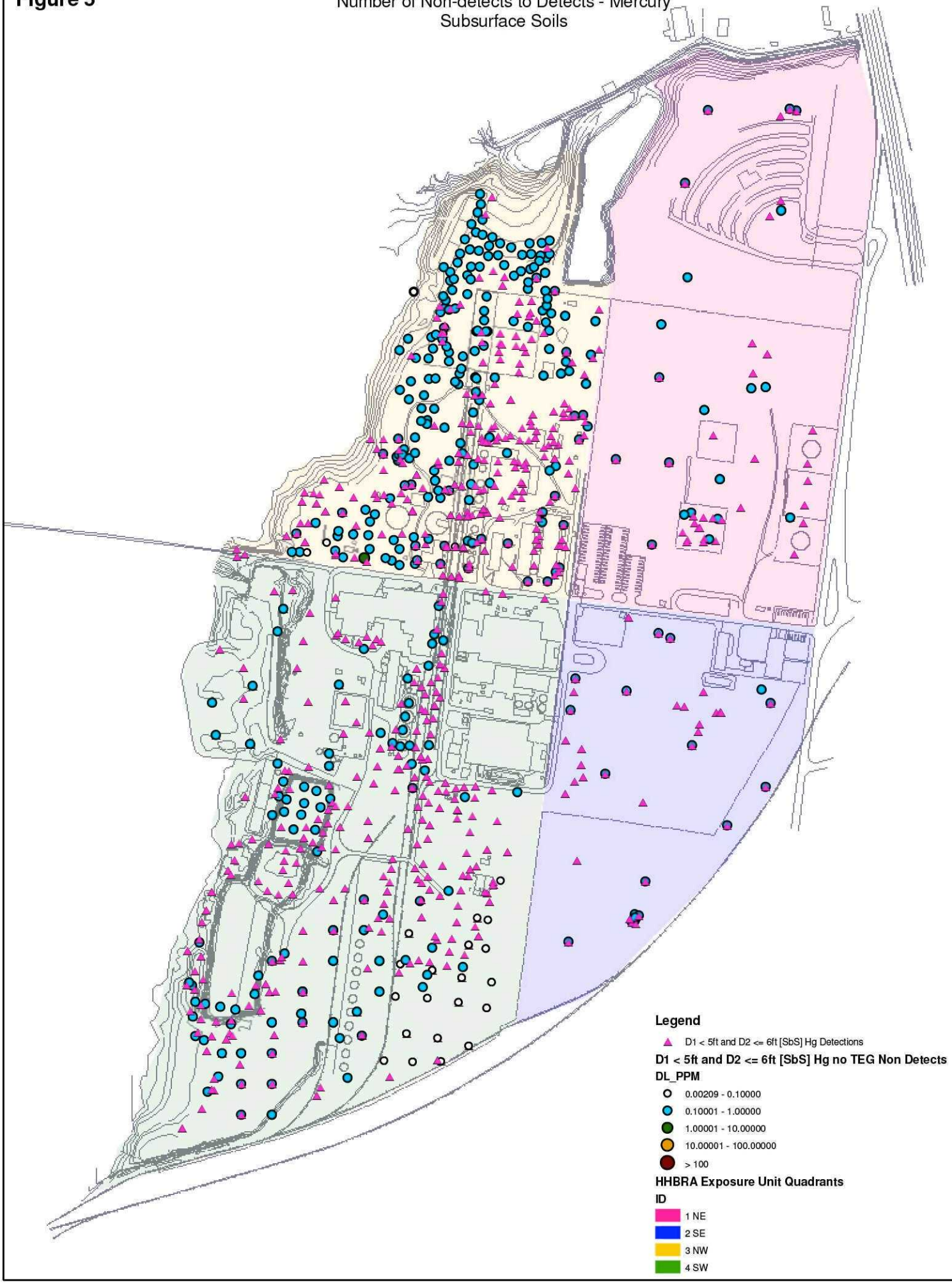


FIgure 6

Number of Non-detects to Detects: Benzo(a)Pyrene
Surface Soils

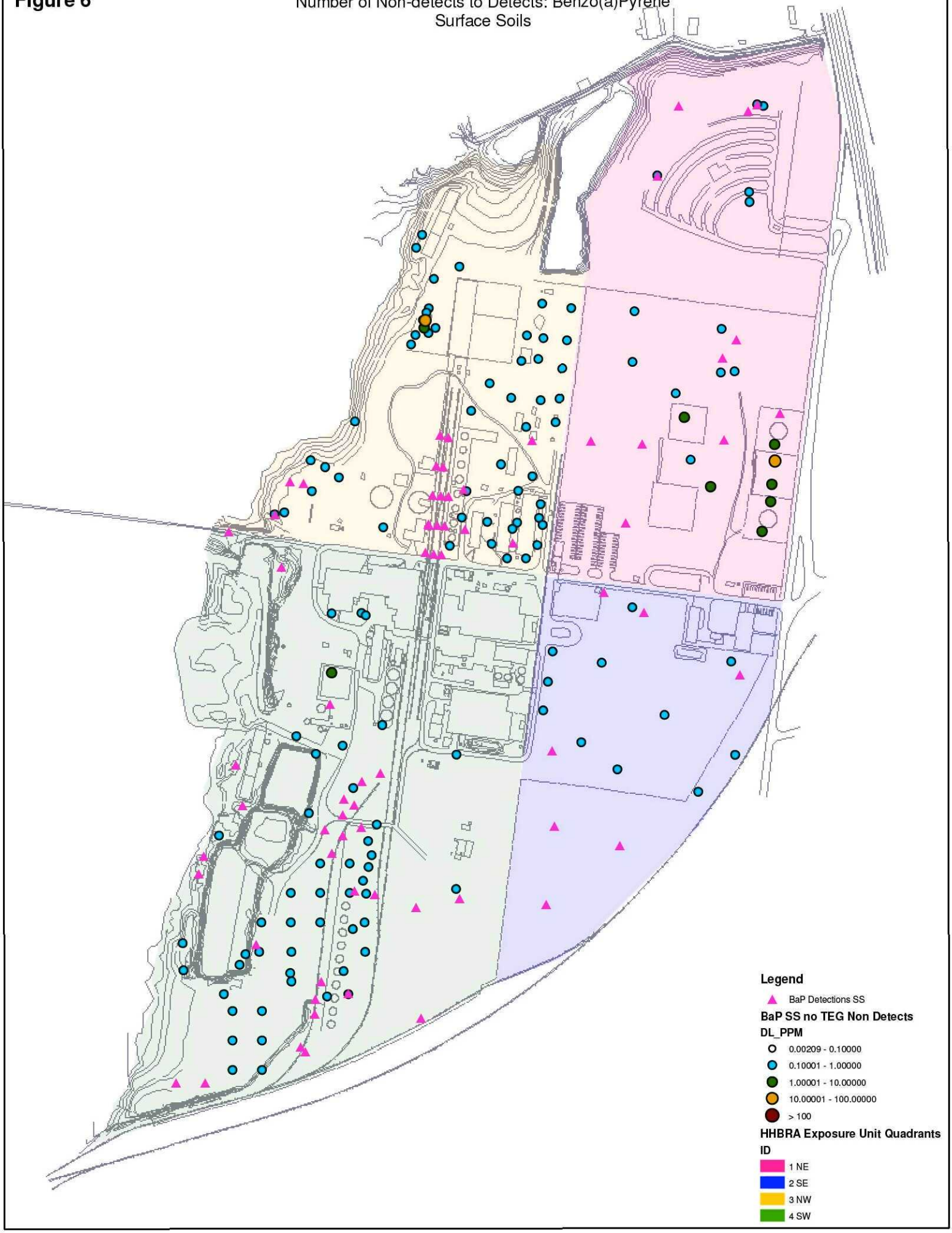


FIgure 7

Number of Non-detects to Detects: Benzo(a)Pyrene
Subsurface Soils

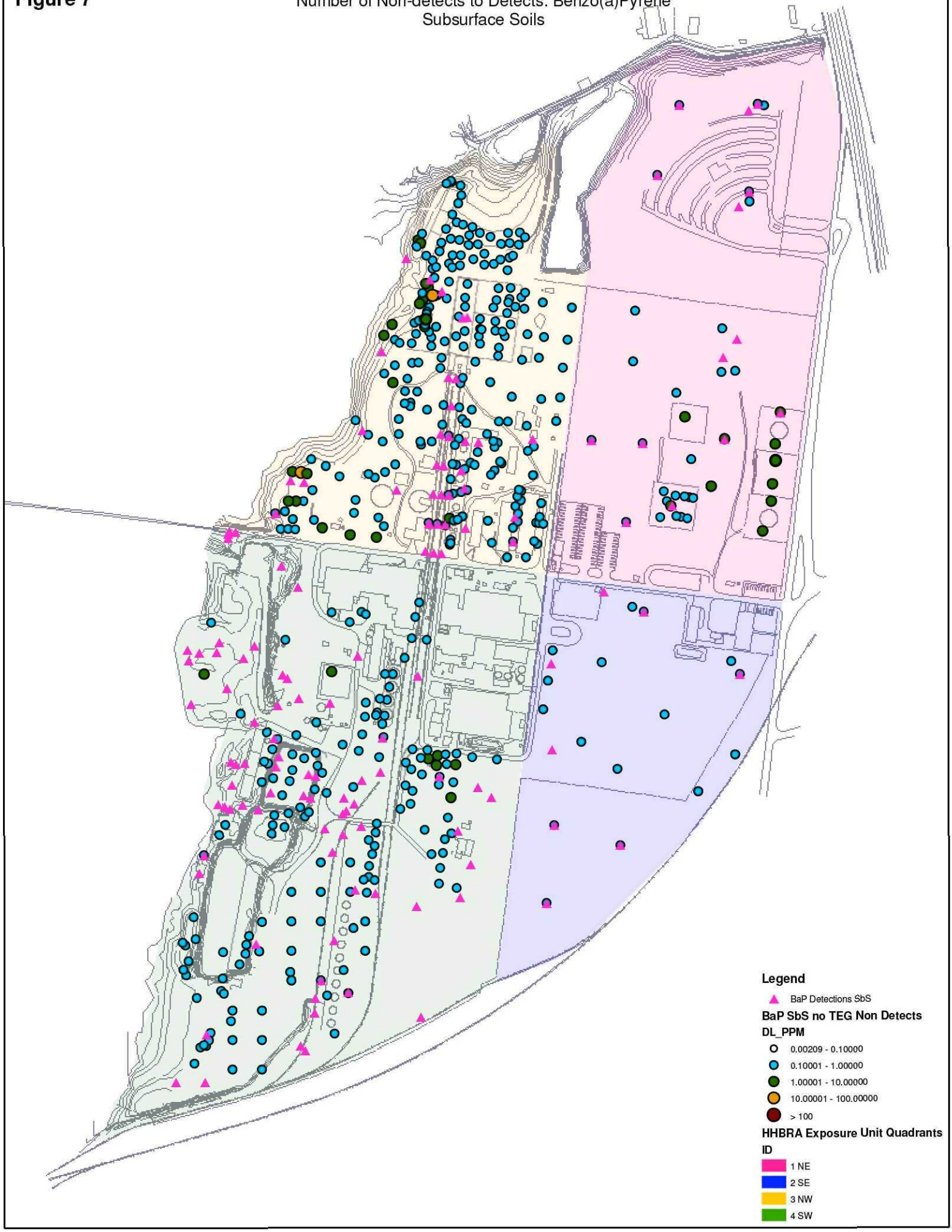


FIgure 8

Number of Non-detects to Detects: Dibenzo(a)Anthracene
Surface Soils

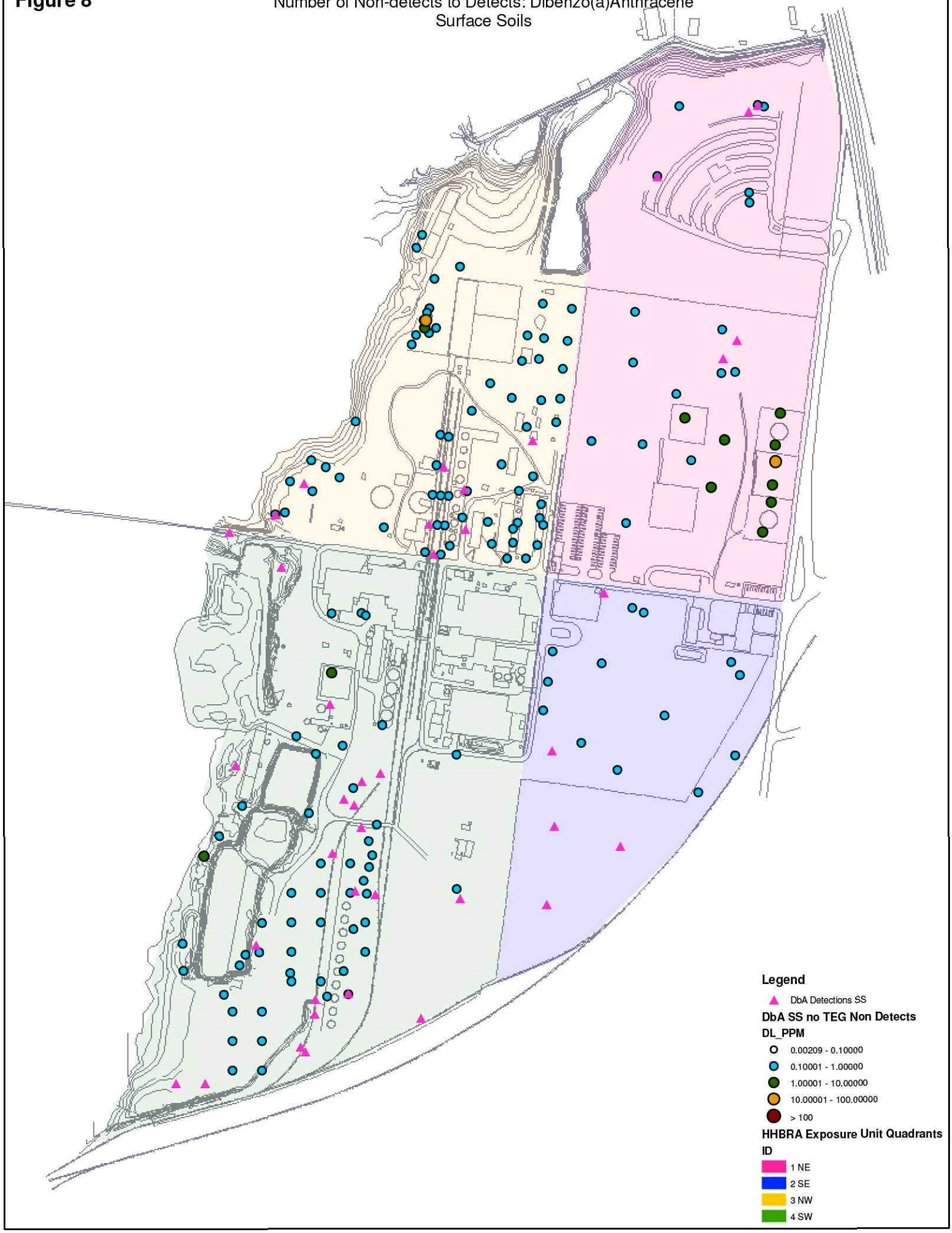
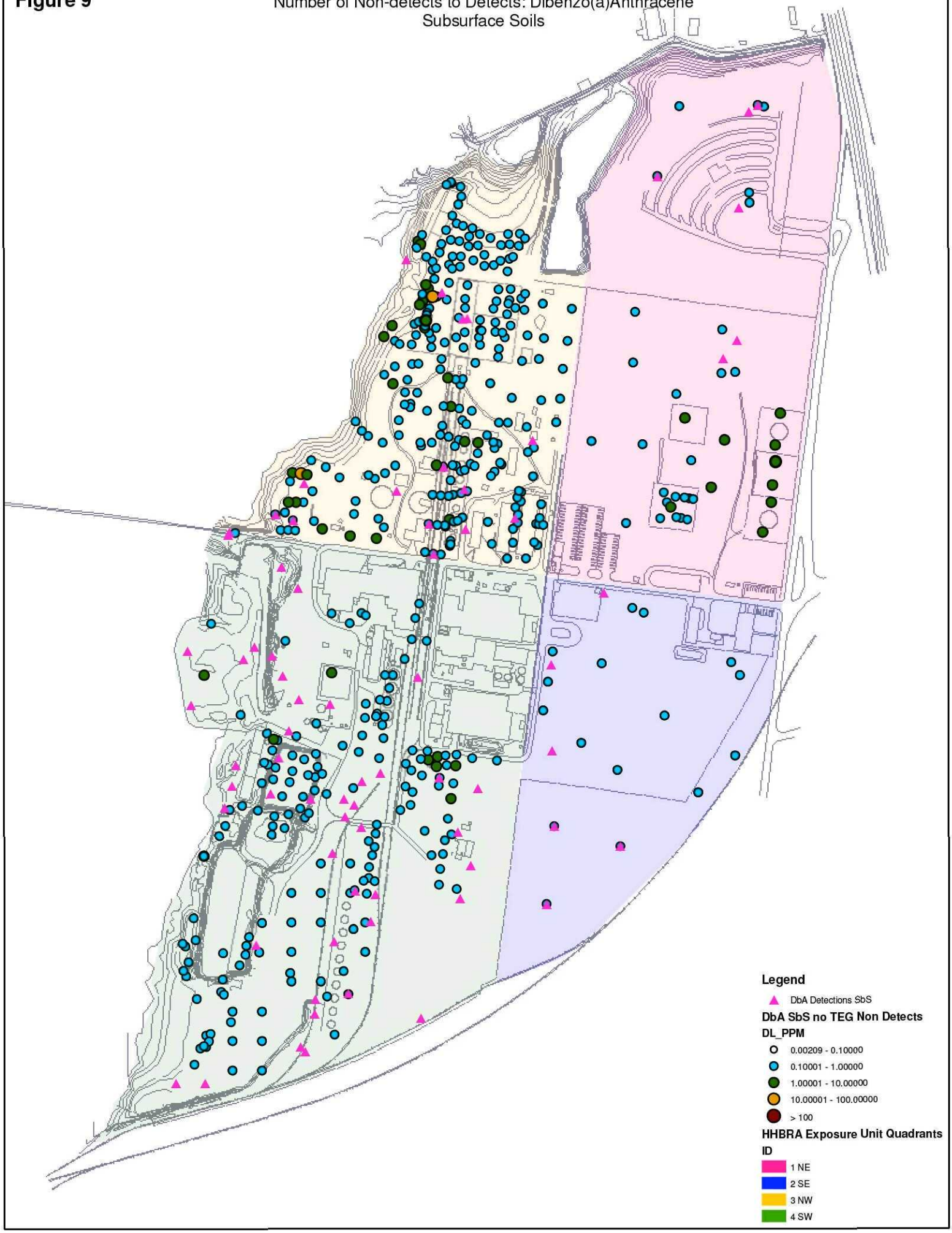


FIgure 9

Number of Non-detects to Detects: Dibenzo(a)Anthracene
Subsurface Soils



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APPENDIX C

CD-ROM WITH OU3 SOIL DATA SET

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APPENDIX D

SURROGATE RECOMMENDATIONS FOR COPC (USEPA - DECEMBER 4, 2009)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

Ref: 4WD-SRB DEC 0 1 2009

Via Certified Mail

Mr. Prashant K. Gupta
Honeywell, Inc.
4101 Bermuda Hundred Road
Chester, VA 23836

Re: Operable Unit 3 (Uplands) Human Health Risk Assessment (HHRA): LCP Chemical National Priorities List Site, Brunswick, Glynn County, GA

Dear Mr. Gupta:

Through a February 24, 2009, letter, EPA commented on deficiencies found in the August 2008 draft of the referenced document. The HHRA was revised and resubmitted to EPA and received in these offices on March 29, 2009. Though a June 22, 2009 letter EPA provided comments on the March 2009 draft. During July through August 2009, a number of meetings were held to discuss the data set to be used in the HHRA. On September 8, 2009, a final meeting was held in these offices to discuss the data set, with an understanding that EPA and the Georgia Department of Environmental Protection (GaEPD) would jointly provide the provisional peer reviewed toxicity values (PPRTVs) for certain compounds. In addition, EPA was to provide surrogates for a number of analytes.

Enclosed is a table containing the final surrogates recommended by both GaEPD and EPA. I understand this is the final information required to revise the March 2009 draft of the OU3 HHRA.

Pursuant to Section VIII of the Administrative Order on Consent for RI/FS for the Site, EPA Docket No. 95-17-C (AOC for RI/FS), please submit the revised HHRA within thirty (30) calendar days of receipt of this letter.

Once both human health and ecological risk assessments are finalized and approved by EPA, I will request the submittal of the OU3 RI Report and the deliverable described under Task 6 (Development and Screening of Remedial Action Alternatives) of the Scope of Work for the RI/FS. EPA and GaEPD will review this submittal and, if necessary, comment on it before requesting the submittal of the Detailed Analysis of Remedial Action Alternatives (Task 7 of the Scope of Work for the RI/FS).

Should you have any questions regarding the preceding, please contact me at (404) 562-8937.

Sincerely,

Galo Jackson
Remedial Project Manager
South Superfund Remedial Branch

Enclosure

cc: J. McNamara, GaEPD

Parameter	Surrogate
1,1-Dichloropropene	1,3-Dichloropropene
1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
2,2-Dichloropropane	1,3-dichloropropane
2-Hexanone	on IRIS (591-78-6)
2-Nitrophenol	2,4-Dinitrophenol
4-Chloro-3-methylphenol	2-Chlorophenol
4-Chlorophenyl-phenylether	Methoxychlor
4-Nitrophenol	2,4-Dinitrophenol
Acenaphthylene	Pyrene
Benzo(g,h,i)perylene	Pyrene
Bromochloromethane	Bromodichloromethane
delta-BHC (HCH)	alpha-BHC (HCH)
Endosulfan I	Endosulfan
Endosulfan II	Endosulfan
Endosulfan sulfate	Endosulfan
Endrin aldehyde	Endrin
Endrin ketone	Endrin
Phenanthrene	Pyrene
p-Isopropyltoluene	Toluene
2-Nitroaniline	listed in RSLT with PPRTV (CASN 88-74-4)
1,3-Dichlorobenzene	1,2-DCB
2,2'-Chloroisopropylether	No recommended surrogate
2,2'-Oxybis(1-Chloropropane)	No recommended surrogate
2-Chloroethyl vinyl ether	No recommended surrogate
3/4-Methylphenol	3-Methylphenol on IRIS
4-Bromophenyl-phenylether	No recommended surrogate
Dimethylphthalate	Screening subchronic reference dose = 0.1 mg/kg-d
Di-n-octylphthalate	No recommended surrogate
Hexadecenoic Acid	No recommended surrogate
Methylethylidene Bicyclooctane [edited spelling]	No recommended surrogate
n-Butylbenzene	Ethylbenzene
n-Propylbenzene	Ethylbenzene
Octahydrotrimethylmethylethylphenanthrenol	No recommended surrogate
sec-Butylbenzene	Cumene (isopropylbenzene)
Tellurium	No surrogate
tert-Butylbenzene	Cumene (isopropylbenzene)
Yttrium	No recommended surrogate
alpha-Chlordane	Chlordane
cis-1,3-Dichloropropene	1,3-Dichloropropene on IRIS (542-75-6)
Dibenzofuran	Screening chronic reference dose = 0.001 mg/kg-d
gamma-Chlordane	Chlordane
Titanium	No recommended surrogate
trans-1,3-Dichloropropene	1,3-Dichloropropene on IRIS (542-75-6)

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APPENDIX E

REVISED COPC SCREENING PROCESS (SUBMITTED TO USEPA AND EPD - APRIL 25, 2011)

EPS
900 Ashwood Parkway
Suite 350
Atlanta, Georgia 30338

(404) 315-9113 *Telephone*
(404) 315-8509 *Fax*

Kirk J. Kessler
Principal

(678) 336-8544 *Direct Line*
kkessler@envplanning.com

April 25, 2011

VIA EMAIL AND REGULAR MAIL

Mr. Galo Jackson
Remedial Project Manager
US EPA Region 4
61 Forsyth St. S.W.
Atlanta, Georgia 30303-8960

Re: **Honeywell's Response to EPA's Letter Dated April 6, 2011 regarding "Outstanding Issues from OU3 (Uplands) Baseline Human Health Risk Assessment: LCP Chemical Company NPL Site, Brunswick, Georgia"**

Dear Mr. Jackson:

We are in receipt of EPA's letter dated April 6, 2011, regarding the Outstanding Issues from OU3 (Uplands) Baseline Human Health Risk Assessment (HHRA). The letter directs Honeywell to submit revised soil screening tables used to identify Constituents of Potential Concern (COPC) for each exposure unit (EU) that were attached as Exhibits 1 through 5 to Honeywell's April 21, 2010 correspondence related to the OU3 HHRA submitted to EPA on January 4, 2010.

Updated versions of the COPC screening tables are attached to this letter as Exhibits 1A through 5A. Several of the column headers and footnotes have been modified to improve clarity and these tables also incorporate the EPA's November 2010 Regional Screening Levels (RSLs) for residential soil. The RSL values that have changed since the submission of January 2010 HHRA are highlighted. Although there were a total of 53 changes to RSL values, most were relatively minor and the only substantive changes to the identification of COPC was the addition of chromium as a COPC in every EU, the addition of vanadium as a COPC in Quadrant 2, and elimination of 1,3,5-Trimethylbenzene as a COPC in Quadrants 3 and 4.

With respect to chromium, we note that the change to the RSL is based on the use of an oral cancer slope factor (CSF) for hexavalent chromium developed by the state of New Jersey. The EPA's Integrated Risk Information System (IRIS) program is also in the process of conducting a cancer risk assessment for hexavalent chromium, but the methodology and results of this assessment are scientifically controversial and it is unclear when the EPA's assessment will be finalized or what conclusions will be reached. The site analytical data generated to date

report "total chromium" and do no not provide information on the relative proportions of trivalent and hexavalent forms of chromium. Depending on the results of the risk characterization, collection of chromium speciation data may be warranted to evaluate the relative proportions of trivalent and hexavalent forms of chromium.

Exhibits 1B through 5B are secondary tables for each EU that apply the EPA-recommended "screening refinement" elements to the "B-flagged" constituents identified in Exhibits 1A through 5A. These refinement elements include elimination of B-flagged constituents as COPC based on the following criteria:

1. Less than 10% of the data records in an EU with detection limits (DLs) below EPA's "medium" Contract Required Quantitation Limit (CRQL); or
2. Less than 5% of the data records in an EU with DLs exceeding EPA's RSLs for residential soil.[1]

For constituents that remain after the two criteria above are applied, EPA provided three additional refinement criteria that may be used to eliminate COPC. These include:

3. No past use of the constituent at the site;[2]
4. No detections in samples from material that was excavated in the removal action; and 10 or more data records from fixed-based analytical laboratories (*i.e.*, Level IV data) with DLs below EPA's RSL for residential soil.

Honeywell understands that constituents that cannot be eliminated through the application of these screening refinements will be identified as COPC to be addressed qualitatively in the HHRA. The results of the COPC screening process, including the application of the screening refinement elements are discussed below for each EU.

Off-Site Tank Farm (OTF) (Exhibits 1A and 1B)

- 8 constituents were initially identified as COPC based on maximum detected concentrations that exceeded EPA's RSL for residential soil.
- 14 constituents were either not detected or had maximum detected concentrations below the residential RSL, but were evaluated further in the screening refinements because of detection limits that exceeded the RSL. 6 of these 14 constituents were dropped from further consideration based on the application of one or more of the screening refinement criteria.

The 8 constituents remaining after the application of the screening refinement criteria are Aroclors. Several of these Aroclors (*e.g.*, Ar-1232, Ar-1242, and Ar-1248) have never been detetected in samples from the site and were dropped as COPC from all of the other EUs based

[1] RSLs for noncarcinogens were adjusted to a hazard quotient of 0.1 throughout the COPC screening process.

[2] Honeywell has only used this criteria to "screen out" thallium in the analysis presented here, but it reserves the right to investigate this criteria in the future should further action be required for any of the constituents carried into the HHRA as qualitative COPC.

on one or more of the screening refinement elements. Nevertheless, these 8 Aroclors will be retained as COPC for the OTF EU for qualitative treatment in the HHRA.

Quadrant 1 (Exhibits 2A and 2B)

- 15 constituents were identified as COPC based on maximum detected concentrations that exceeded EPA's RSL for residential soil.
- 24 constituents were either not detected or had maximum detected concentrations below the residential RSL, but were evaluated further in the screening refinements because of detection limits that exceeded the RSL. 19 of these 24 constituents were dropped from further consideration based on the application of one or more of the screening refinement criteria.[3]

The 5 remaining constituents include: 4,6-dinitro-2-methylphenol, bis(2-chloroethyl) ether, hexachlorobenzene, N-nitroso-di-n-propylamine, and pyridine. These constituents will be retained as COPC for the Quadrant 1 EU for qualitative treatment in the HHRA.

Quadrant 2 (Exhibits 3A and 3B)

- 16 constituents were identified as COPC based on maximum detected concentrations that exceeded EPA's RSL for residential soil.
- 15 constituents were either not detected or had maximum detected concentrations below the residential RSL, but were evaluated further in the screening refinements because of detection limits that exceeded the RSL. All 15 of these constituents were dropped from further consideration based on the application of one or more of the screening refinement criteria.

Quadrant 3

- 33 constituents were identified as COPC based on maximum detected concentrations that exceeded EPA's RSL for residential soil.
- 52 constituents were either not detected or had maximum detected concentrations below the residential RSL, but were evaluated further in the screening refinements because of detection limits that exceeded the RSL. 51 of these 52 constituents were dropped from further consideration based on the application of one or more of the screening refinement criteria.

The remaining constituent, 1,1-Dichloropropene, will be retained as COPC for the Quadrant 3 EU for qualitative treatment in the HHRA.

[3] One of the 19 constituents is thallium, which occurs naturally in soil, had a low number of true detects in any given EU, and is not known to have been used at the site. In addition, the RSL used for COPC screening was removed from the EPA's RSL tables as of the December 2009 edition because the oral reference dose (Rfd) was withdrawn from the IRIS database based on EPA's determination that the available data "are not adequate to develop an RfD." Based on these factors, thallium was dropped from further consideration in the HHRA.

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Quadrant 4

- 27 constituents were identified as COPC based on maximum detected concentrations that exceeded EPA's RSL for residential soil.
- 35 constituents were either not detected or had maximum detected concentrations below the residential RSL, but were evaluated further in the screening refinements because of detection limits that exceeded the RSL. All 35 of these constituents were dropped from further consideration based on the application of one or more of the screening refinement criteria.

Summary

Thank you for the opportunity to provide EPA with this set of updated COPC screening tables. We look forward to finalizing the list of COPC and moving forward to complete the HHRA Report for OU#3. As always, please do not hesitate to contact me at (678) 336-8544 if you have any questions.

Sincerely,

Kirk Kessler

Enclosures

EPS

APPENDIX F

CD-ROM WITH PROUCL DATA FILES

Aroclor-1260	D_Aroclor-12	Aroclor-1268	D_Aroclor-12	Arsenic	D_Arsenic	Benzo(a)anthr	D_Benzo(a)ar	Benzo(a)pyrer	D_Benzo(a)py	Benzo(b)fluora	D_Benzo(b)flu	Benzo(b/k)fluc	D_Benzo(b/k)f	bis(2-Ethylhexyl) p	D_bis(2-Ethylhexy	Chromium
0.024	0	0.051	1	0.34999	1	0.027	1	0.051	1	0.03	1	1.6	1	0.53	1	1.74
0.015	0	0.021	1	0.27	1	0.0017	1	0.00209	1	0.0036	1	9.8	0	8.3	0	1.95
0.023	0	0.042	1	0.44999	1	0.0064	1	0.011	1	0.015	1	8.1	0	9.8	0	5.4
0.018	0	0.065	1	0.63999	1	0.046	1	0.057	1	0.051	1	9.1	0	8.1	0	2.2
0.06	0	0.18	1	4	0	0.037	1	0.04	1	0.065	1	9.8	0	9.1	0	2.6
0.098	0	0.24	1	4	0	0.00048	0	0.0018	1	0.00025	0	7.1	0	9.8	0	3.7
0.13	0	0.57	1	4	0	0.21	1	0.44	1	0.69	1	13	0	7.1	0	4.4
0.0017	0	0.21	1	4	0	0.34	0	0.34	0	0.34	0	7.8	0	13	0	3.7
0.0017	0	0.16	1	2	0	0.97	1	0.68	0	0.68	0	8.7	0	7.8	0	3.8
0.00209	0	0.039	1	2	0	0.37	0	0.37	0	0.37	0	5.9	0	8.7	0	3.1
0.013	0	0.03299	1	1.5	0	0.36	0	0.36	0	0.36	0	0.99	1	5.9	0	6.3
0.013	0	0.019	1	2	0	0.36	0	0.36	0	0.36	0	5.9	0	7.6	0	4.1
1.21	1	1.21	1	2.2	1	0.31999	0	0.31999	0	0.38999	1	8.5	0	5.9	0	8.2
1.21	1	1.21	1	1.5	0	0.41999	1	0.36	0	0.36	0	7.1	0	8.5	0	2.6
1.21	1	1.21	1	1.5	0	0.34	0	0.34	0	0.34	0	8.5	0	7.1	0	4.4
0.0428	0	0.104	1	1.5	0	0.37999	0	0.37999	0	0.37999	0	8.3	0	8.5	0	4.5
1.21	1	5.68	1	3.5	1	0.31999	0	0.31999	0	0.31999	0	9.3	0	8.3	0	5.4
1.21	1	1.21	1	1.5	0	0.34	0	0.34	0	0.34	0	8.3	0	9.3	0	3.8
1.21	1	1.21	1	3	0	0.31999	0	0.31999	0	0.31999	0	9.8	0	8.3	0	3.1
1.21	1	1.21	1	1.5	0	0.33	0	0.33	0	0.33	0	0.35	0	9.8	0	3
1.21	1	1.21	1	1.5	0	0.35	0	0.71	0	0.35	0	0.35	0	0.35	0	3.3
1.21	1	1.21	1	1.5	0	0.33	0	0.33	0	0.33	0	0.36	0	0.35	0	2.5
1.21	1	1.21	1	2.4	1	0.34	0	0.34	0	0.34	0	0.29	1	0.36	0	5.9
1.21	1	1.21	1	1.6	0	0.34	0	0.34	0	0.34	0	0.35	0	0.36	0	2.4
2.25	0	2.25	0	2.9	1	0.33	0	0.33	0	0.33	0	0.11	1	0.35	0	6.6
2.27	0	2.27	0	1.5	0	0.33	0	0.33	0	0.33	0	0.26	1	0.36	0	4.2
2.45	0	2.45	0	2.8	1	0.33	0	0.33	0	0.33	0	0.1	1	0.35	0	17
2.38	0	2.38	0	1.7	0	1.3	1	8.3	0	4.70E-03	1	0.35	0	0.36	0	4.1
2.43	0	2.43	0	3	0	9.8	0	9.8	0	1.20E-03	0	0.35	0	0.35	0	4.9
2.16	0	2.16	0	1.7	0	8.1	0	8.1	0	3.50E-03	1	0.36	0	0.35	0	4.5
2.4	0	2.4	0	0.5	1	9.1	0	9.1	0	1.20E-03	0	0.38	0	0.36	0	2.6300001
2.28	0	2.28	0	0.27	1	9.8	0	9.8	0	1.50E-02	1	0.42	0	0.65	0	2.7
2.5	0	2.5	0	0.37	1	7.1	0	7.1	0	1.30E-02	1	0.36	0	0.42	0	2.1099999
2.14	0	2.14	0	0.28	1	13	0	13	0	0.230000004	1	0.37	0	0.36	0	2.0899999
2.19	0	2.19	0	1.23	1	7.8	0	7.8	0	1.20E-02	1	0.36	0	1.8	1	3.46
2.13	0	2.13	0	0.32	1	8.7	0	8.7	0	9.40E-02	1	0.068	1	0.36	0	2
2.17	0	2.17	0	1.65	1	5.9	0	5.9	0	5.50E-03	1	0.36	0	46	1	12.5
0.035	0	0.035	0	0.38	1	0.92	1	0.8	1			0.33	1	0.36	0	1.9
2.17	0	2.17	0	0.45	1	5.9	0	5.9	0			0.41	0	0.42	0	3.1300001
2.21	0	2.21	0	0.3	1	8.5	0	8.5	0			0.18	1	0.41	0	2.51
2.43	0	2.43	0			7.1	0	7.1	0			0.39	0	0.36	0	
2.21	0	2.21	0			1	1	1.3	1					0.39	0	
2.26	0	2.26	0			8.3	0	8.3	0					7.00E-03	0	
2.28	0	2.28	0			9.3	0	9.3	0					7.00E-03	0	
2.27	0	2.27	0			8.3	0	8.3	0					7.00E-03	0	
2.18	0	2.18	0			9.8	0	9.8	0					7.00E-03	0	
2.17	0	2.17	0			0.35	0	0.35	0					0.017000001	1	
2.19	0	2.19	0			0.35	0	0.35	0					7.00E-03	0	
2.12	0	2.12	0			0.36	0	0.36	0					0.410000026	1	
0.035	0	0.034	1			0.1	1	0.22	1					7.00E-03	0	
0.035	0	5.60E-03	1			0.35	0	0.35	0					3.80E-02	1	
0.036	0	5.20E-03	1			0.047	1	0.075	1					1.30E-02	1	
0.036	0	2.10E-03	0			0.09	1	0.12	1							
0.035	0	1.60E-02	0			0.36	0	0.36	0							

0.036	0	2.30E-03	1	0.35	0	0.35	0
0.035	0	0.1	1	0.35	0	0.35	0
0.036	0	2.10E-03	0	0.36	0	0.36	0
0.035	0	9.20E-02	1	0.38	0	0.38	0
0.035	0	1.10E-02	1	0.42	0	0.42	0
0.036	0			0.36	0	0.36	0
0.038	0			0.37	0	0.37	0
0.24	1			0.36	0	0.36	0
0.036	0			0.38	0	0.49	1
0.3	1			0.36	0	0.36	0
0.036	0			0.15	1	0.17	1
0.9	1			0.41	0	0.41	0
0.036	0			0.36	0	0.082	1
0.85	1			0.39	0	0.39	0
0.041	0			3.40E-03	1	3.30E-03	1
0.47	0			1.70E-03	0	1.70E-03	0
0.039	0			2.20E-03	1	2.60E-03	1
2.10E-03	0			1.70E-03	0	1.70E-03	0
2.10E-03	0			7.70E-03	1	9.60E-03	1
4.20E-03	0			1.30E-02	1	1.90E-02	1
2.10E-03	0			8.60E-02	1	8.80E-02	1
2.70E-02	1			5.10E-03	1	6.90E-03	1
5.90E-03	0			4.50E-02	1	6.10E-02	1
8.70E-02	1			2.10E-03	1	3.30E-03	1
2.10E-03	0						
3.70E-02	1						
2.10E-03	0						

D_Chromiun	Dibenzo(a,h)anth	D_Dibenzo(a,h)a	Indeno(1,2,3-cd	D_Indeno(1,2,3-	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercur	Vanadium	D_Vanadium
1	0.0096	1	0.025	1	797	1	20.3	1	0.114	1	5.64	1
1	0.00066	1	0.0022	1	803	1	10.4	1	0.055	1	4.26	1
1	0.0033	1	0.01	1	2250	1	12.3	1	0.0989	1	5.84	1
1	0.025	1	0.075	1	1530	1	58.1	1	0.092	1	12.3	1
1	0.018	1	0.069	1	4200	1	43.8	1	0.372	1	4.09	1
1	0.00028	0	0.0058	1	3400	1	44.8	1	0.0855	1	2.11	1
1	0.068	1	0.24	1	5200	1	28.3	1	0.195	1	2.69	1
1	0.34	0	0.34	0	1100	1	34.6	1	0.261	1	4.5	1
1	0.68	0	0.68	0	1700	1	22.5	1	0.168	1	6.8	1
1	0.37	0	0.37	0	1300	1	11.6	1	0.302	1	9.2	1
1	0.36	0	0.36	0	3000	1	9.74	1	0.602	1	9.8	1
1	0.36	0	0.36	0	1900	1	44.6	1	0.0289	1	4.1	1
1	0.31999	0	0.31999	0	3000	1	3.02	1	0.302	1	7	0
1	0.36	0	0.36	0	1600	1	3.02	1	0.302	1	3	0
1	0.34	0	0.34	0	2100	1	3.02	1	0.302	1	8	0
1	0.37999	0	0.37999	0	2100	1	3.89	0	0.324	0	5	0
1	0.31999	0	0.31999	0	12000	1	3.02	1	4.71	1	5	0
1	0.34	0	0.34	0	2200	1	16.9	1	8.21	1	3	0
1	0.31999	0	0.31999	0	2000	1	13.3	1	21.6	1	8	0
1	0.33	0	0.33	0	2000	1	3.02	1	1.57	1	4	0
1	0.35	0	0.71	0	2000	1	54.3	1	0.302	1	9	0
1	0.33	0	0.33	0	1700	1	3.02	1	2.54	1	5	0
1	0.34	0	0.34	0	26000	1	3.02	1	0.302	1	12	1
1	0.34	0	0.34	0	1800	1	3.02	1	0.652	1	4	0
1	0.33	0	0.33	0	4100	1	18.5	1	0.56	0	9	0
1	0.33	0	0.33	0	2400	1	11.3	0	13.3	1	3	0
1	0.33	0	0.33	0	11000	1	69.9	1	0.61	0	12	1
1	8.3	0	8.3	0	920	1	16.1	1	1.48	1	3	0
1	9.8	0	9.8	0	3800	1	0.61	1	0.61	0	21	1
1	8.1	0	8.1	0	2900	1	25.9	1	0.54	0	5	0
1	9.1	0	9.1	0	1780	1	12	0	0.6	0	43	1
1	9.8	0	9.8	0	1470	1	20.5	1	0.56999	0	4	0
1	7.1	0	7.1	0	1720	1	12.5	0	0.62999	0	16	1
1	13	0	13	0	1290	1	16	1	0.52999	0	5	0
1	7.8	0	7.8	0	2380	1	10.9	0	0.55	0	6.8899999	1
1	8.7	0	8.7	0	1520	1	46.8	1	0.52999	0	1.8200001	1
1	5.9	0	5.9	0	2090	1	26	1	0.54	0	3.26	1
1	7.6	0	7.6	0	1850	1	19.7	1	0.156	1	1.66	1
1	5.9	0	5.9	0	1940	1	10.8	0	0.54	0	4.4499998	1
1	8.5	0	8.5	0	1500	1	178	1	1.97	1	1.99	1
	7.1	0	7.1	0			12.2	0	0.97	1	9.1000004	1
	8.5	0	8.5	0			16.5	1	0.55	0	2.3099999	1
	8.3	0	8.3	0			22.5	1	1.89	1	7.0500002	1
	9.3	0	9.3	0			333	1	5.52	1	2.05	1
	8.3	0	8.3	0			135	1	4.02	1		
	9.8	0	9.8	0			27.8	1	1	1		
	0.35	0	0.35	0			63.4	1	1.67	1		
	0.35	0	0.35	0			516	1	12.8	1		
	0.36	0	0.36	0			198	1	5.4	1		
	0.36	0	0.19	1			43	1	0.52999	0		
	0.35	0	0.35	0			230	1	9.3	1		
	0.36	0	0.054	1			6.4	1	0.15	1		
	0.35	0	0.1	1			89	1	1.4	1		
	0.36	0	0.36	0			14	1	0.20999	1		

0.35	0	0.35	0	26	1	38	1
0.35	0	0.35	0	6.5	1	1	1
0.36	0	0.36	0	34	1	32	1
0.38	0	0.38	0	5.8	1	1.4	1
0.42	0	0.42	0	73	1	2.2	1
0.36	0	0.36	0	38	1	0.73	1
0.37	0	0.37	0	65	1	1.2	1
0.36	0	0.36	0	15	1	1	1
0.38	0	0.38	0	5.3	1	0.44999	1
0.36	0	0.36	0	3.5	1	0.14	1
0.42	0	0.12	1	94	1	2.9	1
0.41	0	0.41	0	5.1	1	0.33	1
0.36	0	0.069	1	19	1	3.2	1
0.39	0	0.39	0	110	1	1.2	1
1.50E-03	0	2.10E-03	1	58	1	0.41999	1
1.50E-03	0	1.50E-03	0	30	0	0.10999	0
1.50E-03	0	2.20E-03	1	9	0	0.10999	0
1.50E-03	0	1.50E-03	0	30	0	0.15999	1
3.10E-03	1	8.20E-03	1	75	1	3.2	1
8.60E-03	1	8.20E-03	1	40	0	0.10999	0
1.90E-02	1	8.30E-02	1	7	0	0.10999	0
2.10E-03	1	5.30E-03	1	84	1	0.10999	0
1.80E-02	1	4.50E-02	1	20	0	0.15999	1
1.50E-03	0	2.90E-03	1	50	0	1.8	1
				4	0	0.15	1
				30	0	0.47999	0
				20	0	0.10999	0
				20	0	0.10999	0
				6	0	0.10999	0
				77	1	0.23999	1
				3	0	0.10999	0
				60	0	0.85	1
				6	0	0.10999	0
				130	1	2.4	1
				8	0	0.11999	0
				50	0	1.1	1
				20	0	0.11999	0
				21.4	1	9.31E-02	1
				4.1	1	2.00E-02	1
				7.84	1	3.52E-02	1
				3.85	1	6.80E-03	1
				63.4	1	4.90E-02	1
				42.8	1	0.0223	1
				40.2	1	9.80E-02	1
				30.4	1	1.98E-02	1
				34.9	1	0.218	1
				9.86	1	0.0335	1

Aroclor-1221	D_Aroclor-12	Aroclor-1254	D_Aroclor-12	Aroclor-1260	D_Aroclor-12	Aroclor-1268	D_Aroclor-12	Arsenic	D_Arsenic	Benzo(a)anth	D_Benzo(a)a	Benzo(a)pyre	D_Benzo(a)py	Benzo(b)fluo	D_Benzo(b)fl	Benzo(b/k)fluor	Carbazole
0.0017	0	0.019	1	0.024	0	0.091	1	0.89999	1	0.0058	1	0.0069	1	0.012	1	0.055	0.39
0.0017	0	0.049	1	0.055	0	0.27	1	0.23	1	0.22	1	0.23	1	0.37	1	0.4	0.37
0.017	0	0.2	1	0.017	0	1.2	1	1.1	0	0.028	1	0.03299	1	0.046	1	0.72	0.4
0.017	0	0.17	1	0.017	0	4.1	1	1.6	0	0.33	0	0.33	0	0.33	0	0.4	0.38
0.004	0	0.037	0	0.0017	0	0.24	1	1.7	0	0.4	0	0.4	0	0.4	0	0.4	0.4
0.0017	0	0.0017	0	0.0017	0	0.058	1	2	0	0.36	0	0.36	0	0.36	0	0.4	0.4
0.034	0	0.17	1	0.034	0	10	1	1.7	0	0.38999	0	0.38999	0	0.38999	0	0.4	0.4
0.017	0	0.017	0	0.017	0	0.96	1	1.7	0	0.34	0	0.34	0	0.34	0	0.4	0.4
0.34	0	0.34	0	0.34	0	19	1	1.7	0	0.37999	0	0.37999	0	0.37999	0	0.062	0.4
0.017	0	0.46	1	0.017	0	1.5	1	1.7	0	0.37	0	0.37	0	0.37	0	0.41	0.41
0.017	0	0.33	1	0.017	0	1.3	1	1.7	0	0.39	0	0.39	0	0.39	0	0.23	0.41
0.0017	0	0.0017	0	0.0017	0	0.056	1	1.8	0	0.34	0	0.34	0	0.34	0	0.39	0.39
0.017	0	0.14	1	0.017	0	0.87	1	1.7	0	0.4	0	0.4	0	0.4	0	0.28	0.39
0.0017	0	0.0017	0	0.0017	0	0.037	1	3.3	1	0.34	0	0.34	0	0.34	0	0.4	0.046
0.017	0	0.14	1	0.017	0	1.3	1	1.6	0	0.37	0	0.37	0	0.37	0	0.34	0.4
0.0017	0	0.0017	0	0.0017	0	0.028	1	1.7	0	0.34999	0	0.34999	0	0.34999	0	0.4	0.39
0.017	0	0.09	1	0.017	0	0.99	1	1.7	0	0.36	0	0.36	0	0.36	0	0.38	0.4
0.0017	0	0.0017	0	0.0017	0	0.014	1	1.7	0	0.37	0	0.062	1	0.167	1	0.4	0.38
0.017	0	0.18	1	0.017	0	2.2	1	1.7	0	0.4	0	0.4	0	0.1695	1		0.4
0.0017	0	0.0017	0	0.0017	0	0.051	1	1.7	0	0.86	1	0.96	1	0.165	1		
0.017	0	0.15	1	0.017	0	1.7	1			0.4	0	0.4	0	0.179	1		
0.0017	0	0.0017	0	0.0017	0	0.041	1			0.4	0	0.4	0	0.17	1		
0.017	0	0.13	1	0.017	0	3.4	1			0.4	0	0.4	0	0.169	1		
0.0017	0	0.013	1	0.0017	0	0.41	1			0.4	0	0.4	0	0.173	1		
0.017	0	0.18	1	0.017	0	3.5	1			0.4	0	0.4	0	0.1795	1		
0.0017	0	0.017	1	0.0017	0	0.33	1			0.41	0	0.41	0	0.1655	1		
0.21	0	11	1	0.21	0	15	1			0.41	0	0.41	0	0.1675	1		
0.27	1	0.63	1	0.021	0	2.4	1			0.11	1	0.12	1	0.167	1		
2.22	0	2.22	0	2.22	0	2.22	0			0.39	0	0.39	0	0.1695	1		
2.64	0	2.64	0	2.64	0	2.64	0			0.23	1	0.24	1	0.171	1		
2.39	0	2.39	0	2.39	0	2.39	0			0.4	0	0.4	0	0.1785	1		
2.59	0	2.59	0	2.59	0	2.59	0			0.38	1	0.42	1	0.181	1		
2.26	0	2.26	0	2.26	0	2.26	0			0.4	0	0.4	0	0.1875	1		
2.5	0	2.5	0	2.5	0	2.5	0			0.071	1	0.38	0	0.165	1		
2.45	0	2.45	0	2.45	0	2.45	0			0.4	0	0.4	0	0.169	1		
0.08	0	0.039	0	0.039	0	0.039	0			0.167	1	0.167	1	0.1735	1		
2.26	0	2.26	0	2.26	0	2.7	1			0.1695	1	0.1695	1	0.183	1		
2.67	0	2.67	0	2.67	0	2.67	0			0.165	1	0.165	1	0.1705	1		
2.27	0	2.27	0	2.27	0	2.7	1			0.179	1	0.179	1	0.167	1		
2.48	0	2.48	0	2.48	0	2.48	0			0.17	1	0.17	1	0.169	1		
2.35	0	2.35	0	2.35	0	2.35	0			0.169	1	0.169	1	0.172	1		
2.4	0	2.4	0	2.4	0	2.4	0			0.173	1	0.173	1	0.1685	1		
0.074	0	0.11	1	1.4	1	0.038	0			0.1795	1	0.1795	1	0.1745	1		
0.081	0	0.04	0	0.04	0	0.04	0			0.1655	1	0.1655	1	0.177	1		
0.076	0	0.037	0	0.037	0	10.1	1			0.1675	1	0.1675	1	0.1885	1		
0.082	0	0.04	0	0.04	0	8.09	1			0.167	1	0.167	1	0.17	1		
0.082	0	0.04	0	0.04	0	12	1			0.1695	1	0.1695	1	0.1695	1		
0.082	0	0.04	0	0.04	0	1.21	1			0.171	1	0.171	1	0.173	1		
0.081	0	0.04	0	0.04	0	1.115	1			0.1785	1	0.1785	1	0.179	1		
0.082	0	0.04	0	0.04	0	1.13	1			0.181	1	0.181	1	0.1665	1		
0.084	0	0.041	0	0.041	0	1.1	1			0.1875	1	0.1875	1	0.16	1		
0.083	0	0.041	0	0.041	0	1.19	1			0.165	1	0.165	1	0.166	1		
0.08	0	0.039	0	0.039	0	1.135	1			0.169	1	0.169	1				

0.079	0	0.039	0	0.039	0	1.13	1	0.1735	1	0.1735	1
0.081	0	0.04	0	1.2	1	1.15	1	0.183	1	0.183	1
0.082	0	0.04	0	0.04	0	1.2	1	0.1705	1	0.1705	1
0.08	0	0.039	0	0.039	0	1.105	1	0.167	1	0.167	1
0.082	0	0.04	0	0.04	0	1.115	1	0.169	1	0.169	1
0.078	0	0.038	0	0.038	0	1.115	1	0.172	1	0.172	1
0.081	0	0.04	0	0.04	0	1.13	1	0.1685	1	0.1685	1
7.25	1	1.21	1	1.21	1	1.14	1	0.1745	1	0.1745	1
7.25	1	1.21	1	1.21	1	1.19	1	0.177	1	0.177	1
7.25	1	1.21	1	1.21	1	26.3	1	0.1885	1	0.1885	1
7.25	1	1.21	1	1.21	1	44.7	1	0.17	1	0.17	1
5.55	1	1.115	1	1.115	1	1.1	1	0.1695	1	0.1695	1
5.65	1	1.13	1	1.13	1	1.13	1	0.173	1	0.173	1
5.5	1	1.1	1	1.1	1	1.16	1	0.179	1	0.179	1
5.95	1	1.19	1	1.19	1	1.22	1	0.1665	1	0.1665	1
5.65	1	1.135	1	1.135	1	1.135	1	0.16	1	0.16	1
5.65	1	1.13	1	1.13	1	1.115	1	0.166	1	0.166	1
5.75	1	1.15	1	1.15	1	18.7	1	0.1595	1	0.1595	1
6	1	1.2	1	1.2	1	29.2	1				
5.5	1	1.105	1	1.105	1	1.125	1				
5.6	1	1.115	1	1.115	1	1.165	1				
5.55	1	1.115	1	1.115	1	1.18	1				
5.65	1	1.13	1	1.13	1	1.26	1				
5.7	1	1.14	1	1.14	1	24.7	1				
5.95	1	1.19	1	1.19	1	1.13	1				
6.05	1	1.21	1	1.21	1	1.155	1				
6.25	1	1.25	1	1.25	1	28.4	1				
5.5	1	1.1	1	1.1	1	1.11	1				
5.65	1	1.13	1	1.13	1	1.065	1				
5.8	1	1.16	1	1.16	1	1.105	1				
6.1	1	1.22	1	1.22	1	1.065	1				
5.7	1	1.135	1	1.135	1						
5.55	1	1.115	1	1.115	1						
5.65	1	1.125	1	1.125	1						
5.75	1	1.15	1	1.15	1						
5.6	1	1.125	1	1.125	1						
5.8	1	1.165	1	1.165	1						
5.9	1	1.18	1	1.18	1						
6.3	1	1.26	1	1.26	1						
5.65	1	1.135	1	1.135	1						
5.65	1	1.13	1	1.13	1						
5.75	1	1.155	1	1.155	1						
5.95	1	1.195	1	1.195	1						
5.55	1	1.11	1	1.11	1						
5.35	1	1.065	1	1.065	1						
5.55	1	1.105	1	1.105	1						
5.3	1	1.065	1	1.065	1						

D_Carbazc	Chromium	D_Chromiun	D_Benzo(b/k)fl	Dibenzo(a,h)ar	D_Dibenzo(a,h	Indeno(1,2,3-c	D_Indeno(1,2,	Iron	D_Iron	Mercury	D_Mercury
0	12.7	1	1	0.0017	1	0.0072	1	14400	1	0.261	1
0	3.81	1	0	0.074	1	0.24	1	859	1	0.755	1
0	1.3	1	1	0.0092	1	0.024	1	217	1	13.3	1
0	4	1	0	0.33	0	0.33	0	1800	1	1.15	1
0	4.1	1	0	0.4	0	0.4	0	1500	1	0.31	1
0	5.5	1	0	0.36	0	0.36	0	3600	1	0.66	0
0	2.9	1	0	0.38999	0	0.38999	0	570	1	0.75999	1
0	3	1	0	0.34	0	0.34	0	630	1	0.64999	0
0	2.6	1	1	0.37999	0	0.37999	0	1300	1	1.31	1
0	3.9	1	0	0.37	0	0.37	0	1800	1	0.62999	0
0	4.3	1	1	0.39	0	0.39	0	1300	1	0.72	1
0	4.8	1	0	0.34	0	0.34	0	2500	1	0.105	1
0	3.7	1	1	0.4	0	0.4	0	960	1	11.8	1
1	7.6	1	0	0.34	0	0.34	0	4800	1	0.67	0
0	3.2	1	1	0.37	0	0.37	0	900	1	9.3	1
0	7.8	1	0	0.34999	0	0.34999	0	3700	1	0.62	0
0	2.4	1	0	0.36	0	0.36	0	650	1	6.2	1
0	5.5	1	0	0.37	0	0.37	0	3100	1	2.31	1
0	2.5	1		0.4	0	0.4	0	860	1	0.56999	0
	3.9	1		0.38	0	0.54	1	920	1	17.5	1
				0.4	0	0.4	0			0.55	0
				0.4	0	0.4	0			3.67	1
				0.4	0	0.4	0			0.56999	0
				0.4	0	0.4	0			0.55	0
				0.4	0	0.4	0			5.3	1
				0.41	0	0.41	0			0.62	1
				0.41	0	0.41	0			0.56999	0
				0.055	1	0.091	1			0.54	0
				0.39	0	0.39	0			1.6	1
				0.1	1	0.2	1			0.11999	0
				0.4	0	0.4	0			3.3	1
				0.26	1	0.25	1			0.11999	0
				0.4	0	0.4	0			0.11999	0
				0.38	0	0.38	0			0.76999	1
				0.4	0	0.4	0			0.54	1
				0.167	1	0.167	1			0.11999	0
				0.1695	1	0.1695	1			1.9	1
				0.165	1	0.165	1			0.11999	0
				0.179	1	0.179	1			6	1
				0.17	1	0.17	1			0.11999	0
				0.169	1	0.169	1			3.6	1
				0.173	1	0.173	1			0.37	1
				0.1795	1	0.1795	1			13	1
				0.1655	1	0.1655	1			0.11999	0
				0.1675	1	0.1675	1			0.11999	0
				0.167	1	0.167	1			4.47	1
				0.1695	1	0.1695	1			1.81	1
				0.171	1	0.171	1			1.57	1
				0.1785	1	0.1785	1			0.302	1
				0.181	1	0.181	1			0.2785	1
				0.1875	1	0.1875	1			0.282	1
				0.165	1	0.165	1			0.275	1
				0.169	1	0.169	1			0.298	1

0.1735	1	0.1735	1	0.2835	1
0.183	1	0.183	1	0.282	1
0.1705	1	0.1705	1	0.288	1
0.167	1	0.167	1	0.2995	1
0.169	1	0.169	1	0.2755	1
0.172	1	0.172	1	0.279	1
0.1685	1	0.1685	1	0.2785	1
0.1745	1	0.1745	1	0.282	1
0.177	1	0.177	1	0.2845	1
0.1885	1	0.1885	1	0.2975	1
0.17	1	0.17	1	0.302	1
0.1695	1	0.1695	1	0.313	1
0.173	1	0.173	1	0.275	1
0.179	1	0.179	1	0.282	1
0.1665	1	0.1665	1	0.2895	1
0.16	1	0.16	1	0.305	1
0.166	1	0.166	1	0.284	1
0.1595	1	0.1595	1	0.2785	1
				0.2815	1
				0.287	1
				0.2805	1
				0.2905	1
				0.295	1
				0.3145	1
				0.2835	1
				0.2825	1
				0.2885	1
				0.2985	1
				0.2775	1
				0.2665	1
				0.2765	1
				0.266	1

1,1,2,2-Tetrach	D_1,1,2,2-Tetra	1,2,4-Trimethylbe	D_1,2,4-Trimethy	1,4-Dichlorobenz	D_1,4-Dichlorobe	1-Methyl Naphtl	D_1-Methyl Nap	2-Methylnaphth	D_2-Methylnapl	4,6-Dinitro-2-meth	D_4,6-Dinitro-2-m	Aluminum	D_Aluminu	Antimony	D_Antimon
0.00011	0	0.00011	0	0.00012	0	10.1	1	0.11	1	1.83	0	2430	1	9.86	1
0.00011	0	0.00012	0	0.00013	0	30.2	1	0.022	1	2.07	0	3860	1	0.15	1
0.00013	0	0.00014	0	0.00015	0	7.72	1	0.0017	1	2.01	0	2930	1	0.02999	0
0.00009	0	0.00011	0	0.00011	0	11.9	1	0.00039	0	2.53	0	2870	1	0.03999	1
0.00011	0	0.00011	0	0.00012	0	17.4	1	0.0013	1	11.3	0	2320	1	0.041	1
0.00009	0	0.00009	0	0.00011	0	15.9	1	0.26	1	11.3	0	3990	1	0.17499	1
0.00009	0	0.00026	1	0.00011	0	0.31	0	0.0032	1	11	0	3860	1	0.086	1
0.00009	0	0.00011	0	0.00011	0	0.31999	0	0.0095	1	57.2	0	3360	1	0.05799	1
2.7	0	8.3	1	0.00555	0	0.36	0	0.00039	0	10.7	0	4480	1	0.00899	1
0.00555	0	0.05	0	0.00627	0	0.36	0	0.00039	0	6.29	0	2110	1	0.03799	1
0.00627	0	0.05999	0	0.00611	0	0.40999	0	0.021	1	2.215	0	1760	1	0.05999	1
0.00611	0	0.05999	0	0.0051	0	0.33	0	0.366	0	1.9	0	171	1	16.3	0
0.0051	0	0.05999	0	0.00573	0	10.9	1	0.414	0	1.93	0	3060	1	3.33	0
0.00573	0	11.2	1	0.0057	0	5.58	1	0.403	0	1.83	0	3670	1	3.76	0
0.0057	0	3.5	1	0.00557	0	4.76	1	0.50499	0	1.915	0	3080	1	3.66	0
0.00557	0	0.10999	0	0.00578	0	1.9	0	2.27	0	2.13	0	2780	1	3.06	0
0.00578	0	0.05999	0	0.00541	0	0.37999	0	2.26	0	2.3	0	2890	1	3.44	0
0.00541	0	0.05999	0	0.00635	0	0.72	0	2.2	0	3.65	0	4320	1	3.42	0
0.00635	0	18.6	1	0.44	0	4.19	1	11.4	0	2.3	0	3180	1	3.34	0
1.65	0	0.18999	1	0.38	0	0.37999	0	2.14	0	1.87	0	563	1	3.47	0
0.006	0	0.05999	0	0.39	0	6.1	1	1.26	0	1.85	0	3600	1	3.24	0
0.006	0	0.2	1	0.37	0	18.8	1	33	1	1.9	0	3690	1	3.81	0
0.006	0	0.05999	0	0.38	0	0.4	0	0.38	0	1	0	3290	1	16	0
0.006	0	0.05999	0	0.43	0	0.36	0	0.73	1	0.89	0	2110	1	14	0
0.005	0	0.05999	0	0.46	0	0.34999	0	0.55	1	0.96	0	3100	1	14	0
0.006	0	0.05999	0	0.73	0	0.34999	0	0.38	0	0.89	0	1500	1	13	0
0.007	0	0.05999	0	0.46	0	0.34999	0	0.43	0	0.98	0	3260	1	14	0
0.006	0	0.05999	0	0.37	0	0.34	0	0.46	0	0.98	0	21900	1	15	0
0.006	0	0.05999	0	0.37	0	0.34	0	0.73	0	0.87	0	4110	1	16	0
0.006	0	0.064	1	0.38	0	0.34	0	0.46	0	0.98	0	3320	1	13	0
0.005	0	15.71	1	0.05999	0	0.34	0	0.37	0	1	0	2700	1	13	0
0.006	0	6.67	1	0.05	0	0.34999	0	0.37	0	0.95	0	2420	1	17	0
0.05999	0	2.4	1	0.05999	0	64.4	1	0.38	0	1	0	8800	1	13	0
0.05	0	6.18	1	0.05999	0	25.52	1	12.4	1	0.94	0			14	0
0.05999	0	22.8	1	0.05999	0	0.34	0	28.8	1	1	0			1.5	0
0.05999	0	0.07	0	0.05	0	0.3	0	4.06	1	0.99	0			66	0
0.05999	0	0.05999	1	0.10999	0	48.79	1	7.56	1	1	0				
0.05	0	0.14	1	0.10999	0	26.14	1	12.2	1	0.95	0				
0.10999	0	0.05	0	0.05999	0	5.21	1	11.1	1	1	0				
0.10999	0	0.05999	0	0.05999	0	6.44	1	0.31	0	0.94	0				
0.05999	0	0.05	0	1.2	0	0.34999	0	0.31999	0	1	0				
0.05999	0	0.07	0	0.05999	0	5.58	1	0.36	0	0.93	0				
1.2	0	2.72	1	0.05999	0	15.5	1	0.36	0	1	0				
0.05999	0	0.05999	0	0.05999	0	4.23	1	0.40999	0	0.94	0				
0.05999	0	0.05999	0	0.05999	0	9.74	1	0.33	0	20	0				
0.05999	0	0.05999	0	0.05999	0	0.4	0	11.6	1	0.94	0				
0.05999	0	0.05	0	0.05999	0	0.31999	0	6.25	1	1	0				
0.05999	0	0.05999	0	0.05999	0	0.34999	0	2.01	0	0.96	0				
0.05999	0	0.05999	0	0.05999	0	0.33	0	4.78	1	0.98	0				
0.05999	0	0.05	0	0.05999	0	0.34	0	0.37999	0	1	0				
0.05999	0	0.05	0	0.05999	0	0.31999	0	0.72	0	0.37	1				
0.05999	0	0.05	0	0.05999	0	0.38999	0	3.6	0	1	0				
0.05999	0	0.05999	0	0.05999	0	9.53	1	0.37999	0	0.94	0				

0.05999	0	0.05999	0	0.05	0	0.37999	0	0.33	0	0.95	0
0.05999	0	0.05999	0	0.05999	0	0.38999	0	13.1	1	9.9	0
0.05	0	0.07	0	0.07	0	0.34999	0	0.4	0	32	1
0.05999	0	0.2	1	0.05999	0	0.38999	0	0.36	0	21	0
0.07	0	0.05999	0	0.07	0	0.36	0	0.34999	0	110.00001	0
0.05999	0	0.05	0	0.05	0	0.31999	0	0.34999	0		
0.07	0	0.05999	0	0.05999	0	0.37	0	0.34999	0		
0.05	0	0.05999	0	0.05	0	0.34	0	0.34	0		
0.05999	0	0.05999	0	0.05999	0	0.31999	0	0.34	0		
0.05	0	0.05999	0	0.05	0	0.31	0	0.34	0		
0.05999	0	0.05999	0	0.07	0	0.31999	0	0.34	0		
0.05	0	0.05999	0	0.05999	0	0.33	0	0.34999	0		
0.07	0	0.07	0	0.05999	0	0.37999	0	92.6	1		
0.05999	0	0.07	0	0.05999	0	0.34	0	42.56	1		
0.05999	0	0.05999	0	0.05999	0	0.4	0	0.34	0		
0.05999	0	0.05999	0	0.05	0	0.33	0	0.3	0		
0.05999	0	0.05	0	0.05999	0	0.36	0	25.21	1		
0.05	0	0.05999	0	0.05999	0	0.31999	0	21.31	1		
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.31999	0		
0.05999	0	0.05999	0	0.05	0	0.33	0	5.02	1		
0.05	0	0.05999	0	0.05	0	0.37	0	0.34999	0		
0.05	0	0.05999	0	0.05999	0	0.34	0	6.71	1		
0.05	0	0.05999	0	0.05999	0	0.36	0	20.3	1		
0.05999	0	0.05999	0	0.05999	0	13.1	1	1.93	1		
0.05999	0	0.05999	0	0.07	0	0.34999	0	17.17	1		
0.05999	0	28.3	1	0.05999	0	0.38999	0	0.4	0		
0.07	0	0.07	0	0.05999	0	0.38999	0	0.31999	0		
0.05999	0	0.05999	0	0.05	0	0.36	0	0.34999	0		
0.05999	0	9.33	1	0.05999	0	0.36	0	0.33	0		
0.05	0	9.8	1	0.05999	0	0.31999	0	0.34	0		
0.05999	0	15.3	1	0.05999	0	0.34	0	0.31999	0		
0.05999	0	4.8	1	0.05999	0	0.37	0	0.38999	0		
0.05999	0	17	1	0.05999	0	0.34	0	4.12	1		
0.05999	0	11.6	1	0.05999	0	0.34999	0	0.37999	0		
0.05999	0	0.05999	0	0.07	0	0.34	0	3.3	1		
0.05999	0	0.05999	0	0.07	0	0.34	0	0.34999	0		
0.07	0	0.05	0	0.05999	0	0.34999	0	0.38999	0		
0.07	0	0.07	0	0.05999	0	0.33	0	0.36	0		
0.05999	0	0.15999	1	0.05	0	2.13	1	0.31999	0		
0.05999	0	0.07	0	0.05999	0	0.72	1	0.37	0		
0.05	0	5.2	1	0.05999	0	0.34999	0	0.34	0		
0.05999	0	7.8	1	0.05999	0	2.31	1	0.31999	0		
0.05999	0	4.3	1	0.05999	0	0.38999	1	0.31	0		
0.05999	0	0.05999	0	0.05999	0	1.48	1	0.31999	0		
0.05999	0	0.05999	0	0.05999	0	4.3	1	0.33	0		
0.05999	0	0.05999	0	0.05999	0	3.9	1	0.37999	0		
0.05999	0	0.10999	1	0.05999	0	26.9	1	0.34	0		
0.05999	0	0.05999	0	18.2	1	0.36	0	0.4	0		
0.05999	0	0.05999	0	0.07	0	0.33	0	0.33	0		
0.07	0	0.05999	0	0.05999	0	0.33	0	0.36	0		
0.07	0	0.07	0	0.05999	0	0.38999	0	0.31999	0		
0.05999	0	0.05999	0	2.9	0	0.38999	0	0.34999	0		
0.05999	0	0.07	0	2.8	0	0.40999	0	0.33	0		
2.9	0	3.1	1	3	0	4.96	1	0.37	0		

2.8	0	0.05999	0	3.2	0	0.4	0	0.34	0
3	0	4.7	1	3.1	0	1.38	1	0.36	0
3.2	0	16.5	1	0.05999	0	0.36	0	4.64	1
3.1	0	0.27	0	0.05999	0	0.36	0	0.34999	0
0.05999	0	0.07	1	0.05	0	0.37999	0	0.38999	0
0.05999	0	0.66	0	0.07	0	1.82	1	0.38999	0
0.05	0	0.07	0	0.12999	0	0.34	0	0.36	0
0.07	0	0.07	0	0.07	0	0.36	0	0.36	0
0.12999	0	0.07	0	1.6	0	0.34999	0	0.31999	0
0.07	0	0.05999	0	6.6	0	0.37	0	0.34	0
1.6	0	0.07	0	1.3	0	0.38999	0	0.37	0
6.6	0	0.05999	0	0.05999	0	1.77	1	1.6	1
1.3	0	0.27	1	0.05999	0	0.37	0	0.34999	0
0.05999	0	0.18999	1	0.05999	0	1.36	1	0.34	0
0.05999	0	0.05999	0	0.05999	0	2.77	1	0.34	0
0.05999	0	0.09	1	0.05999	0	0.4	0	0.34999	0
0.05999	0	0.05999	0	0.05999	0	0.37999	0	0.33	0
0.05999	0	0.07	0	0.05999	0	0.76999	1	3.38	1
0.05999	0	0.05999	0	0.07	0	0.4	0	0.52999	1
0.05999	0	0.18	1	0.05999	0	0.4	0	0.34999	0
0.07	0	0.05	0	0.07	0	0.4	0	0.34	0
0.05999	0	0.38999	1	0.64999	0	1.43	1	0.63999	1
0.07	0	0.05999	0	0.05999	0	0.4	0	2.23	1
0.64999	0	85.3	1	0.62999	0	0.43999	1	0.36	0
0.05999	0	6.2	1	1.3	0	1.47	1	1.01	1
0.62999	0	0.1	1	0.27	0	0.41999	0	2.75	1
1.3	0	8.2	1	0.05999	0	0.62999	1	0.36	0
0.27	0	12.2	1	0.66	0	0.4	0	0.33	0
0.05999	0	0.07	0	0.07	0	0.37999	0	0.33	0
0.66	0	0.07	0	0.07	0	0.40999	0	0.38999	0
0.07	0	0.05999	0	0.07	0	1.1	1	0.38999	0
0.07	0	0.05999	0	0.05999	0	0.33	0	0.40999	0
0.07	0	0.05999	0	0.07	0	0.34	0	0.92	1
0.05999	0	0.05999	0	0.05999	0	0.38999	0	0.4	0
0.07	0	0.07	0	0.05999	0	0.36	0	0.4	0
0.05999	0	0.05999	0	0.07	0	0.38999	0	0.36	0
0.07	1	0.07	1	0.05999	0	0.74	1	0.36	0
0.21999	1	0.1	1	0.07	0	0.34999	0	0.37999	0
0.51999	1	0.05999	0	0.05999	0	0.4	0	0.34	0
0.92	1	10.5	1	0.07	0	0.36	0	0.34	0
0.15	1	0.05999	0	0.05999	0	0.46	1	0.36	0
0.07	0	0.07	0	0.05999	0	0.38999	0	0.34999	0
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.37	0
0.14	1	0.07	0	0.25999	0	0.34999	0	0.38999	0
0.23	1	0.05999	0	0.05999	0	0.4	1	1.5	1
0.25999	0	0.05999	0	1.3	0	0.34999	0	0.37	0
0.05999	0	0.05999	0	0.66	0	0.38999	0	0.86	1
1.3	0	0.1	1	0.05999	0	0.34	0	3.49	1
0.66	0	0.05999	0	0.92	1	0.37	0	0.4	0
0.05999	0	0.07	0	0.61	0	0.36	0	0.37999	0
0.66	0	0.05999	0	0.07	0	0.36	0	0.46	1
0.61	0	0.05999	0	0.07	0	0.4	0	0.4	0
0.07	0	27.3	1	0.05999	0	0.34999	0	0.4	0
0.07	0	0.46	1	0.05999	0	0.38999	0	0.4	0

0.05999	0	0.14	1	0.05999	0	0.36	0	0.36	0
0.05999	0	0.05	0	0.05999	0	0.38999	0	0.4	0
0.05999	0	0.25999	0	0.07	0	0.34999	0	0.37	0
0.05999	0	0.2	1	0.41	0	0.34	0	0.36	0
0.07	0	1.8	1	0.05999	0	0.37	0	0.41999	0
0.012	0	0.05999	0	0.05999	0	3.82	1	0.37	0
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.4	0
0.05999	0	0.05999	0	0.05999	0	0.41999	0	0.37999	0
0.05999	0	0.05999	0	1.3	0	0.33	0	0.40999	0
0.05999	0	1.1	1	0.05999	0	0.37999	0	0.40999	0
1.3	0	2.9	1	0.07	0	0.40999	0	0.33	0
0.05999	0	4.8	1	0.05999	0	0.41999	1	0.34	0
0.07	0	15.5	1	0.07	0	0.31999	0	0.38999	0
0.05999	0	0.05	0	0.05999	0	0.31999	0	0.36	0
0.07	0	0.05999	0	0.05999	0	21.2	1	0.38999	0
0.05999	0	0.62999	1	0.05999	0	2.6	1	0.50999	1
0.05999	0	5.4	1	0.05999	0	0.93	1	0.34999	0
0.05999	0	0.12999	0	0.05999	0	1	1	0.4	0
0.05999	0	0.05	0	0.07	0	0.34999	0	0.36	0
0.05999	0	0.05	0	0.05999	0	0.34999	0	0.38999	0
0.07	0	0.05999	0	0.05999	0	0.36	0	0.38999	0
0.05999	0	0.05999	0	1.4	0	4.32	1	0.34999	0
0.05999	0	0.05	0	0.07	0	2.03	1	0.34999	0
1.4	0	0.05999	0	0.05	0	0.72	1	0.34	0
0.07	0	0.05	0	0.05	0	2.94	1	0.34999	0
0.05	0	0.05999	0	0.25999	0	3.26	0	0.38999	0
0.05	0	3.1	1	0.07	0	0.37999	0	0.41	0
0.25999	0	0.05999	0	0.07	0	0.34	0	0.34	0
0.07	0	1	1	0.05999	0	23.5	1	0.37	0
0.07	0	0.05999	0	0.05999	0	0.81	1	0.36	0
0.05999	0	0.25999	1	0.05999	0	0.33	0	0.36	0
0.05999	0	1.3	1	0.05999	0	0.33	0	1.62	1
0.05999	0	0.18999	1	0.12999	0	0.34	0	0.34999	0
0.05999	0	0.09	1	0.31999	0	0.34999	0	0.38999	0
0.12999	0	0.05999	0	0.25999	0	0.31999	0	0.36	0
0.31999	0	0.05999	0	0.63999	0	0.33	0	0.38999	0
0.25999	0	0.05	0	0.05	0	0.31	0	0.34999	0
0.63999	0	0.05999	0	0.05999	0	0.34999	0	0.34	0
0.05	0	0.41999	1	0.05999	0	27.5	1	0.37	0
0.05999	0	0.05999	0	0.31	0	0.34	0	0.33	0
0.05999	0	1.8	1	0.12999	0	9.82	1	0.36	0
0.31	0	0.61	0	0.05	0	0.37999	0	0.41999	0
0.12999	0	0.31999	1	0.05	0	10.2	1	0.33	0
0.05	0	2.1	1	0.05999	0	9.67	1	0.37999	0
0.05	0	8	1	0.05999	0	1.98	1	0.40999	0
0.05999	0	3.3	1	0.05	0	0.36	0	0.4	0
0.05999	0	0.46	1	0.05999	0	0.34999	0	0.31999	0
0.05	0	12	1	0.05	0	0.34	0	0.31999	0
0.05999	0	2.8	1	0.05999	0	0.31999	0	24.6	1
0.05	0	0.82999	1	0.3	0	0.34	0	4.33	1
0.05999	0	0.1	1	0.05999	0	0.36	0	1.4	1
0.3	0	0.31999	1	0.6	0	0.37	0	1.37	1
0.05999	0	1.1	1	0.05999	0	0.37	0	0.34999	0
0.6	0	0.46999	1	0.05999	0	0.37	0	0.34999	0

0.05999	0	1	1	0.31	0	0.52999	1	0.36	0
0.05999	0	0.75999	1	0.05999	0	2.92	1	7.48	1
0.31	0	3	1	0.05999	0	0.33	0	2.15	1
0.05999	0	0.07999	1	0.05999	0	0.37999	0	0.51999	1
0.05999	0	0.05999	0	0.05999	0	0.37	0	3.58	1
0.05999	0	0.05999	0	0.05	0	3.56	1	3.26	0
0.05999	0	7.4	1	0.05999	0	0.38999	0	0.37999	0
0.05	0	120.00001	1	0.05999	0	0.4	0	0.34	0
0.05999	0	0.039	1	0.05999	0	0.62	1	30.8	1
0.05999	0	0.039	1	0.61	0	0.37	0	1.6	1
0.05999	0	0.039	1	0.61	0	0.40999	0	0.33	0
0.61	0	0.039	1	0.3	0	0.37	0	0.33	0
0.61	0	0.039	1	0.28999	0	1.91	1	0.34	0
0.3	0	0.039	1	0.21999	0	0.38999	0	0.34999	0
0.28999	0	0.039	1	1.3	0	1.29	1	0.31999	0
0.21999	0	0.039	1	0.31	0	0.36	0	0.33	0
1.3	0	0.039	1	0.62999	0	0.34999	0	0.31	0
0.31	0	0.039	1	0.64999	0	0.37	0	0.34999	0
0.62999	0	0.039	1	0.67	0			24.5	1
0.64999	0	0.039	1	0.05999	0			0.34	0
0.67	0	0.039	1	0.05999	0			14.8	1
0.05999	0	0.039	1	0.07	0			0.37999	0
0.05999	0	0.039	1	0.31	0			0.34999	0
0.07	0	0.03	1	0.67	0			0.34999	0
0.31	0	0.039	1	0.64999	0			0.37	0
0.67	0	0.03	1	1.3	0			0.36	0
0.64999	0	0.03	1	0.05999	0			0.34999	0
1.3	0	0.03	1	0.05999	0			0.34	0
0.05999	0	0.03	1	0.05999	0			0.31999	0
0.05999	0	0.03	1	0.41	0			0.34	0
0.05999	0	0.03	1	0.39	0			0.36	0
0.056	0	0.03	1	0.43	0			0.37	0
0.012	0	0.03	1	0.37	0			0.37	0
0.013	0	0.03	1	0.4	0			0.37	0
0.011	0	0.03	1	0.37	0			0.43	1
0.012	0	0.03	1	0.4	0			1.24	1
0.011	0	0.03	1	0.4	0			0.33	0
0.012	0	0.03	1	0.36	0			0.37999	0
0.012	0	0.03	1	0.4	0			0.37	0
0.011	0	0.03	1	0.43	0			5.8	1
0.012	0	0.03	1	0.39	0			0.38999	0
0.013	0	0.03	1	0.43	0			0.4	0
0.012	0	23.3	1	0.39	0			0.36	0
0.013	0	0.03	1	0.42	0			0.37	0
0.012	0	0.03	1	0.41	0			1.15	1
0.013	0	15.7	1	0.43	0			0.37	0
0.012	0	0.03	1	0.39	0			0.4	0
0.013	0	0.039	1	0.42	0			0.38999	0
0.012	0	0.03	1	0.39	0			2.23	1
0.013	0	0.03	1	0.41	0			0.36	0
0.012	0	0.351	1	0.38	0			0.34999	0
0.012	0	0.0275	1	0.43	0			0.37	0
0.012	0	15.3	1	0.39	0			4.7	1
1.6	0	82.9	1	8.1	0			0.39	0

0.012	0	7.66	1	0.39	0	0.43	0
1.5	0	9.69	1	0.42	0	0.17	1
0.012	0	0.027	1	0.4	0	0.1	1
0.013	0	0.0295	1	0.4	0	0.12	1
0.012	0	0.026	1	0.42	0	0.09	1
0.012	0	0.0285	1	4.4	0	0.046	1
0.013	0	43.6	1	0.42	0	0.12	1
1.7	0	0.029	1	0.39	0	0.29	1
1.6	0	0.0275	1	0.39	0	0.029	1
0.012	0	0.0275	1	4.1	0	0.2	1
0.012	0			11	0	0.43	0
1.5	0			0.13	0	0.2	1
11	0			12	0	0.42	0
0.13	0			0.42	0	0.08	1
12	0			0.39	0	0.43	0
1.3	0			0.039	1	0.035	1
0.012	0			0.039	1	0.69	1
0.039	1			0.039	1	0.39	0
0.039	1			0.039	1	0.41	0
0.039	1			0.039	1	0.07	1
0.039	1			0.039	1	0.11	1
0.039	1			0.039	1	1.5	1
0.039	1			0.039	1	57	1
0.039	1			0.039	1	0.39	0
0.039	1			0.039	1	0.42	0
0.039	1			0.039	1	0.4	0
0.039	1			0.039	1	0.4	0
0.039	1			0.039	1	0.42	0
0.039	1			0.039	1	4.4	0
0.039	1			0.039	1	0.058	1
0.039	1			0.03	1	0.021	1
0.039	1			0.039	1	0.084	1
0.03	1			0.03	1	23	1
0.039	1			0.03	1	32	1
0.03	1			0.03	1	10	0
0.03	1			0.03	1	23	1
0.03	1			0.03	1	0.42	0
0.03	1			0.03	1	0.39	0
0.03	1			0.03	1		
0.03	1			0.03	1		
0.03	1			0.03	1		
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0.03	1
0.03	1
0.039	1
0.03	1
0.03	1
0.0285	1
0.0275	1
0.085	1
0.625	1
0.0585	1
0.0315	1
0.027	1
0.0295	1
0.026	1
0.0285	1
0.03	1
0.029	1
0.0275	1
0.0275	1

0.039	1
0.03	1
0.03	1
0.0285	1
0.0275	1
0.085	1
0.625	1
0.0585	1
0.0315	1
0.027	1
0.0295	1
0.026	1
0.0285	1
0.03	1
0.029	1
0.0275	1
0.0275	1

Aroclor-1016	D_Aroclor-	Aroclor-1254	D_Aroclor-125	Aroclor-1260	D_Aroclor-126(	Aroclor-1268	D_Aroclor-126(	Arsenic	D_Arsenic	Benzene	D_Benzen	Benzo(a)anth	D_Benzo(a)a	Benzo(a)pyre	D_Benzo(a)p	Benzo(b)fluor	D_Benzo(b)flu
0.091	0	28	1	0.091	0	8.9	1	0.23999	1	0.00017	0	0.14	1	0.19	1	0.21	1
0.0085	0	0.23	1	0.0085	0	0.55	1	0.2	0	0.00017	0	0.03299	1	0.045	1	0.03299	1
0.0017	0	0.1	1	0.0017	0	0.028	1	1.32	1	0.00022	0	0.0019	1	0.002	1	0.0037	1
0.034	0	4.4	1	0.034	0	6.1	1	0.50999	1	0.00016	0	0.00048	0	0.00014	0	0.00025	0
0.017	0	0.24	1	0.017	0	0.57	1	0.6	1	0.00055	1	0.0028	1	0.0012	1	0.0019	1
0.0017	0	0.2	1	0.14	0	0.2	1	0.23999	1	0.00015	0	0.6	1	0.79	1	0.58	1
0.017	0	0.93	1	0.017	0	0.78	1	0.37999	1	0.00016	0	0.016	1	0.017	1	0.024	1
0.00209	0	0.00209	0	0.00209	0	0.00209	0	0.23	1	0.00016	0	0.0015	1	0.001	1	0.002	1
0.00209	0	0.00209	0	0.00209	0	0.0037	1	3.3	1	2.7	0	0.00068	1	0.00032	1	0.00079	1
0.015	0	0.19	1	0.014	0	0.69	1	7.21	0	0.00555	0	0.00048	0	0.00014	0	0.00025	0
0.00209	0	0.38	1	0.00209	0	0.38	1	8.16	0	0.00627	0	0.019	1	0.021	1	0.03	1
0.0053	0	0.00209	0	0.046	1	0.051	1	7.94	0	0.00611	0	0.366	0	0.366	0	0.366	0
0.00209	0	0.0028	1	0.00209	0	0.0086	1	6.63	0	0.0051	0	0.414	0	0.414	0	0.414	0
0.00209	0	0.00209	0	0.00209	0	0.00209	0	12.6	1	0.00573	0	0.403	0	0.403	0	0.403	0
0.00209	0	0.097	1	0.00209	0	0.14	1	7.41	0	0.0057	0	0.50499	0	0.50499	0	0.50499	0
0.14	0	0.044	1	0.032	1	4.35	1	7.24	0	0.00557	0	2.27	0	2.27	0	2.27	0
0.399	0	4.11	1	0.399	0	9.66	1	7.51	0	0.00578	0	2.26	0	2.26	0	2.26	0
0.797	0	7.13	1	0.797	0	0.0366	0	7.03	0	0.00541	0	2.2	0	2.2	0	2.2	0
0.0366	0	0.0366	0	0.0366	0	0.0414	0	8.26	0	0.00635	0	11.4	0	11.4	0	11.4	0
0.0414	0	0.0414	0	0.0414	0	0.0403	0	2.7	0	1.65	0	2.14	0	2.14	0	2.14	0
0.0403	0	0.0403	0	0.0403	0	0.0337	0	12.9	1	0.006	0	1.26	0	1.26	0	1.26	0
0.0337	0	0.0337	0	0.0337	0	0.378	0	9.8	1	0.006	0	0.62	1	0.44	0	0.44	0
0.378	0	0.378	0	0.378	0	0.376	0	8.1	1	0.006	0	6.4	1	1.7	1	3.6	1
0.376	0	0.376	0	0.376	0	0.367	0	2.3	0	0.006	0	1.3	1	0.39	0	0.39	0
0.367	0	0.367	0	0.367	0	0.382	0	5.1	1	0.005	0	0.88	1	0.37	0	0.37	0
0.382	0	0.382	0	0.382	0	0.357	0	2.7	0	0.006	0	0.38	0	0.38	0	0.38	0
0.357	0	0.357	0	0.357	0	0.0419	0	3.5	1	0.007	0	0.43	0	0.43	0	0.43	0
0.0419	0	0.0419	0	0.0419	0	2.2	0	2.2	0	0.006	0	0.46	0	0.46	0	0.46	0
2.2	0	2.2	0	2.2	0	1.1	1	2.8	0	0.006	0	1.6	1	0.8	1	1.02	1
0.38	0	0.38	0	0.38	0	0.038	0	2.5	1	0.006	0	0.46	0	0.46	0	0.46	0
0.038	0	0.038	0	0.038	0	1	1	2.3	0	0.005	0	0.37	0	0.37	0	0.37	0
0.36	0	0.36	0	0.36	0	1.2	1	1.2	0	0.006	0	0.85	1	0.37	0	2	1
0.38	0	0.38	0	0.38	0	1.5	1	0.33	1	0.05999	0	0.38	0	0.38	0	0.57	1
0.4	0	0.4	0	0.7	1	0.045	0	0.82999	1	0.05	0	1.2	0	1.2	0	1.2	0
0.045	0	0.045	0	0.045	0	0.46	1	0.41999	1	0.05999	0	0.33	0	0.33	0	0.33	0
0.36	0	0.36	0	0.36	0	2.2	1	0.25999	0	0.05999	0	1.87	0	1.87	0	1.87	0
0.37	0	0.37	0	1.5	1	0.11	1	0.25	0	0.05999	0	5.54	0	5.54	0	5.54	0
0.046	0	0.046	0	0.046	0	1.3	1			0.05	0	1.6	0	1.6	0	1.6	0
0.37	0	0.37	0	1.2	1	0.3	1			0.10999	0	5.42	0	5.42	0	5.42	0
0.037	0	0.037	0	0.14	1	2.53	0			0.10999	0	6.11	0	6.11	0	6.11	0
5.05	0	2.53	0	2.53	0	2.19	0			0.05999	0	5.53	0	5.53	0	5.53	0
4.37	0	2.19	0	2.19	0	2.49	0			0.05999	0	0.31	0	0.31	0	0.31	0
2.49	0	2.49	0	2.49	0	2.22	0			1.2	0	0.31999	0	0.31999	0	0.31999	0
4.43	0	2.22	0	2.22	0	2.58	0			0.05999	0	0.36	0	0.36	0	0.36	0
5.17	0	2.58	0	2.58	0	2.17	0			0.05999	0	0.36	0	0.36	0	0.36	0
4.33	0	2.17	0	2.17	0	2.42	0			0.05999	0	0.40999	0	0.40999	0	0.40999	0
2.42	0	2.42	0	2.42	0	2.53	0			0.05999	0	0.33	0	0.33	0	0.33	0
2.53	0	2.53	0	2.53	0	2.4	0			0.05999	0	3.98	0	3.98	0	3.98	0
2.4	0	2.4	0	2.4	0	2.41	0			0.05999	0	4.1	0	4.1	0	4.1	0
2.41	0	2.41	0	2.41	0	2.56	0			0.05999	0	2.01	0	2.01	0	2.01	0
2.56	0	2.56	0	2.56	0	3.16	0			0.05999	0	1.9	0	1.9	0	1.9	0
3.16	0	3.16	0	3.16	0	2.43	0			0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.43	0	2.43	0	2.43	0	2.38	0			0.05999	0	0.72	0	0.72	0	0.72	0

2.38	0	2.38	0	2.38	0	2.76	0	0.05999	0	3.6	0	3.6	0	3.6	0
2.76	0	2.76	0	2.76	0	2.31	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.31	0	2.31	0	2.31	0	2.07	0	0.05	0	0.33	0	0.33	0	0.33	0
2.07	0	2.07	0	2.07	0	2.19	0	0.05999	0	0.33	0	0.33	0	0.33	0
418	0	2.19	0	2.19	0	2.25	0	0.07	0	0.4	0	0.4	0	0.4	0
2.19	0	2.25	0	2.25	0	2.05	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.25	0	2.05	0	2.05	0	2.1	0	0.07	0	0.34999	0	0.34999	0	0.34999	0
2.05	0	2.1	0	2.1	0	2.65	0	0.05	0	0.34999	0	0.34999	0	0.34999	0
2.1	0	2.65	0	2.65	0	2.74	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.65	0	2.74	0	2.74	0	2.62	0	0.05	0	0.34	0	0.34	0	0.34	0
2.74	0	2.62	0	2.62	0	2.2	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.62	0	2.2	0	2.2	0	2.16	0	0.05	0	0.34	0	0.34	0	0.34	0
2.2	0	2.16	0	2.16	0	2.53	0	0.07	0	0.68999	1	0.56999	1	0.55	1
2.16	0	2.53	0	2.53	0	2.55	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.53	0	2.55	0	2.55	0	2.39	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.55	0	2.39	0	2.39	0	2.4	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0
2.39	0	2.4	0	2.4	0	2.54	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.4	0	2.54	0	2.54	0	2.15	0	0.05	0	0.3	0	0.3	0	0.3	0
2.54	0	2.15	0	2.15	0	2.65	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.15	0	2.65	0	2.65	0	2.55	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.65	0	2.55	0	2.55	0	2.12	0	0.05	0	0.31999	0	0.31999	0	0.31999	0
2.55	0	2.12	0	2.12	0	2.47	0	0.05	0	0.34	0	0.34	0	0.34	0
2.12	0	2.47	0	2.47	0	2.19	0	0.05	0	0.34999	0	0.34999	0	0.34999	0
2.47	0	2.19	0	2.19	0	2.59	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.19	0	2.59	0	2.59	0	2.14	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.59	0	2.14	0	2.14	0	2.4	0	0.05999	0	0.43	0	0.43	0	0.43	0
2.14	0	2.4	0	2.4	0	2.32	0	0.07	0	0.37	0	0.37	0	0.37	0
2.4	0	2.32	0	2.32	0	2.33	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.32	0	2.33	0	2.33	0	2.33	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0
2.33	0	2.33	0	2.33	0	2.27	0	0.05	0	0.34999	0	0.34999	0	0.34999	0
2.33	0	2.27	0	2.27	0	2.28	0	0.05999	0	0.33	0	0.33	0	0.33	0
2.27	0	2.28	0	2.28	0	2.25	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.28	0	2.25	0	2.25	0	2.27	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0
2.25	0	2.27	0	2.27	0	2.35	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.27	0	2.35	0	2.35	0	2.35	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.35	0	2.35	0	2.35	0	2.13	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.35	0	2.13	0	2.13	0	2.25	0	0.07	0	0.38999	0	0.38999	0	0.38999	0
2.13	0	2.25	0	2.25	0	2.1	0	0.07	0	0.34999	0	0.34999	0	0.34999	0
2.25	0	2.1	0	2.1	0	2.13	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.1	0	2.13	0	2.13	0	2.11	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.13	0	2.11	0	2.11	0	2.28	0	0.05	0	0.31999	0	0.31999	0	0.31999	0
2.11	0	2.28	0	2.28	0	2.69	0	0.05999	0	0.37	0	0.37	0	0.37	0
2.28	0	2.69	0	2.69	0	2.14	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.69	0	2.14	0	2.14	0	2.17	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0
2.14	0	2.17	0	2.17	0	21	1	0.05999	0	0.31	0	0.31	0	0.31	0
2.17	0	2.11	0	7.3	1	2.6	1	0.05999	0	0.31999	0	0.31999	0	0.31999	0
2.11	0	2.17	0	2.17	0	2.09	0	0.05999	0	0.33	0	0.33	0	0.33	0
2.17	0	2.09	0	2.09	0	2.13	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.09	0	3.3	1	2.13	0	2.14	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.13	0	2.14	0	2.14	0	2.53	0	0.07	0	0.4	0	0.4	0	0.4	0
2.14	0	2.53	0	2.53	0	2.27	0	0.07	0	0.33	0	0.33	0	0.33	0
2.53	0	2.27	0	2.27	0	2.14	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.27	0	2.14	0	2.14	0	2.05	0	0.05999	0	0.31999	0	0.31999	0	0.33	1
2.14	0	2.05	0	2.05	0	2.09	0	2.9	0	0.34999	0	0.34999	0	0.34999	0

2.05	0	2.09	0	2.09	0	2.13	0	2.8	0	0.33	0	0.33	0	0.33	0
2.09	0	2.13	0	2.13	0	2.25	0	3	0	0.37	0	0.37	0	0.37	0
2.13	0	2.25	0	2.25	0	2.36	0	3.2	0	0.34	0	0.34	0	0.34	0
2.25	0	2.36	0	2.36	0	2.59	0	3.1	0	0.36	0	0.36	0	0.36	0
2.36	0	2.59	0	2.59	0	2.63	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.59	0	2.63	0	2.63	0	3.56	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.63	0	3.56	0	3.56	0	3.55	0	0.05	0	0.38999	0	0.38999	0	0.38999	0
3.56	0	3.55	0	3.55	0	2.7	0	0.07	0	0.38999	0	0.38999	0	0.38999	0
3.55	0	2.7	0	2.7	0	2.45	0	0.12999	0	0.36	0	0.36	0	0.36	0
2.7	0	2.45	0	2.45	0	2.65	0	0.07	0	0.36	0	0.36	0	0.36	0
2.45	0	2.65	0	2.65	0	7.6	1	1.6	0	0.31999	0	0.31999	0	0.31999	0
2.65	0	14	1	2.16	0	2.34	0	20.2	1	0.34	0	0.34	0	0.38999	1
2.16	0	2.34	0	2.34	0	6	1	1.3	0	0.37	0	0.37	0	0.37	0
2.34	0	4.7	1	2.17	0	2.29	0	0.05999	0	2.12	1	0.34	0	0.34	0
2.17	0	2.29	0	2.29	0	3	1	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.29	0	6.1	1	2.15	0	2.62	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.15	0	2.62	0	2.62	0	2.27	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.62	0	2.27	0	2.27	0	2.17	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.27	0	2.17	0	2.17	0	2.18	0	0.05999	0	0.33	0	0.33	0	0.33	0
2.17	0	2.18	0	2.18	0	2.24	0	0.05999	0	0.40999	0	0.40999	0	0.40999	0
2.18	0	2.24	0	2.24	0	2.31	0	0.07	0	0.40999	0	0.40999	0	0.40999	0
2.24	0	2.31	0	2.31	0	2.22	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.31	0	2.22	0	2.22	0	2.6	0	0.07	0	0.34	0	0.34	0	0.34	0
2.22	0	2.6	0	2.6	0	2.61	0	0.64999	0	0.34999	0	0.34999	0	0.34999	1
2.6	0	2.61	0	2.61	0	2.3	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.61	0	2.3	0	2.3	0	9	1	0.62999	0	0.36	0	0.36	0	0.36	0
2.3	0	2.21	0	2.21	0	2.35	0	1.3	0	0.38999	0	0.38999	0	0.38999	0
2.21	0	2.35	0	2.35	0	2.24	0	0.27	0	0.37	0	0.37	0	2.87	1
2.35	0	8.1	1	2.24	0	2.28	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.24	0	2.28	0	2.28	0	2.42	0	0.66	0	0.33	0	0.33	0	0.33	0
2.28	0	2.42	0	2.42	0	2.15	0	0.07	0	0.33	0	0.33	0	0.33	0
2.42	0	2.15	0	2.15	0	2.44	0	0.07	0	0.38999	0	0.38999	0	0.38999	0
2.15	0	2.44	0	2.44	0	2.24	0	0.07	0	0.38999	0	0.38999	0	0.38999	0
2.44	0	2.24	0	2.24	0	2.13	0	0.05999	0	0.40999	0	0.40999	0	0.40999	0
2.24	0	2.13	0	2.13	0	2.09	0	0.07	0	0.46999	0	0.46999	0	0.46999	0
2.13	0	2.09	0	2.09	0	2.15	0	0.05999	0	0.43999	1	0.4	0	0.4	0
2.09	0	2.15	0	2.15	0	2.22	0	0.05999	0	0.51999	1	0.4	0	0.4	0
2.15	0	2.22	0	2.22	0	2.52	0	0.07	0	0.36	0	0.36	0	0.36	0
2.22	0	2.52	0	2.52	0	2.28	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.52	0	2.28	0	2.28	0	2.7	0	0.07	0	0.37999	0	0.37999	0	0.37999	0
2.28	0	2.7	0	2.7	0	2.21	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.7	0	2.21	0	2.21	0	2.4	0	0.07	0	0.34	0	0.34	0	0.34	0
2.21	0	2.4	0	2.4	0	2.52	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.4	0	2.52	0	2.52	0	2.23	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.52	0	2.23	0	2.23	0	2.11	0	0.05	0	0.37	0	0.37	0	0.37	0
2.23	0	2.11	0	2.11	0	2.36	0	0.25999	0	0.38999	0	0.38999	0	0.38999	0
2.11	0	2.36	0	2.36	0	2.23	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.36	0	2.23	0	2.23	0	2.48	0	1.3	0	0.37	0	0.37	0	0.37	0
2.23	0	2.48	0	2.48	0	2.26	0	0.66	0	0.37999	0	0.37999	0	0.37999	0
2.48	0	2.26	0	2.26	0	2.42	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.26	0	2.42	0	2.42	0	2.33	0	0.89999	1	0.4	0	0.4	0	0.4	0
2.42	0	2.33	0	2.33	0	2.6	0	0.99	1	0.37999	0	0.37999	0	0.37999	0
2.33	0	2.6	0	2.6	0	2.61	0	0.07	0	0.4	0	0.4	0	0.4	0
2.6	0	2.61	0	2.61	0	2.37	0	0.07	0	0.4	0	0.4	0	0.4	0

2.61	0	2.37	0	2.37	0	2.42	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.37	0	2.42	0	2.42	0	2.14	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.42	0	2.14	0	2.14	0	2.26	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.14	0	2.26	0	2.26	0	2.46	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.26	0	2.46	0	2.46	0	2.27	0	0.07	0	0.37	0	0.37	0	0.37	0
2.46	0	2.27	0	2.27	0	2.23	0	0.012	0	0.36	0	0.36	0	0.36	0
2.27	0	2.23	0	2.23	0	2.15	0	0.05999	0	0.41999	0	0.41999	0	0.41999	0
2.23	0	2.15	0	2.15	0	2.2	0	0.05999	0	0.37	0	0.37	0	0.37	0
2.15	0	2.2	0	2.2	0	2.31	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.2	0	2.31	0	2.31	0	2.5	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.31	0	2.5	0	2.5	0	2.32	0	1.3	0	0.40999	0	0.40999	0	0.40999	0
2.5	0	2.32	0	2.32	0	2.3	0	0.05999	0	0.40999	0	0.40999	0	0.40999	0
2.32	0	2.3	0	2.3	0	2.25	0	0.07	0	0.33	0	0.33	0	0.33	0
2.3	0	2.25	0	2.25	0	2.33	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.25	0	2.33	0	2.33	0	2.23	0	0.07	0	0.38999	0	0.38999	0	0.38999	0
2.33	0	2.23	0	2.23	0	2.4	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.23	0	2.4	0	2.4	0	2.31	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.4	0	2.31	0	2.31	0	2.07	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.31	0	2.07	0	2.07	0	2.77	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.07	0	2.77	0	2.77	0	2.19	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.77	0	2.19	0	2.19	0	2.39	0	0.07	0	0.36	0	0.36	0	0.36	0
2.19	0	2.39	0	2.39	0	2.25	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.39	0	2.25	0	2.25	0	2.33	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.25	0	2.33	0	2.33	0	7.5	1	1.6	1	0.34999	0	0.34999	0	0.34999	0
2.33	0	2.28	0	2.28	0	2.52	0	0.36	1	0.34999	0	0.34999	0	0.34999	0
2.28	0	2.52	0	2.52	0	4.2	1	0.05	0	0.34	0	0.34	0	0.34	0
2.52	0	2.21	0	2.21	0	2.36	0	0.05	0	0.34999	0	0.34999	0	0.34999	0
2.21	0	2.36	0	2.36	0	2.46	0	0.28999	1	0.38999	0	0.38999	0	0.38999	0
2.36	0	2.46	0	2.46	0	2.29	0	0.07999	1	0.41	0	0.41	0	0.41	0
2.46	0	2.29	0	2.29	0	2.15	0	0.14	1	0.34	0	0.34	0	0.34	0
2.29	0	2.15	0	2.15	0	2.71	0	0.05999	0	0.37	0	0.37	0	0.37	0
2.15	0	2.71	0	2.71	0	2.46	0	0.05999	0	0.36	0	0.36	0	0.36	0
2.71	0	2.46	0	2.46	0	6.6	1	0.05999	0	0.36	0	0.36	0	0.36	0
2.46	0	2.34	0	2.34	0	2.32	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.34	0	2.32	0	2.32	0	2.56	0	0.18	1	0.34999	0	0.34999	0	0.34999	0
2.32	0	2.56	0	2.56	0	2.39	0	0.31999	0	0.38999	0	0.38999	0	0.38999	0
2.56	0	2.39	0	2.39	0	2.41	0	0.25999	0	0.36	0	0.36	0	0.36	0
2.39	0	2.41	0	2.41	0	2.33	0	0.63999	0	0.38999	0	0.38999	0	0.38999	0
2.41	0	2.33	0	2.33	0	2.31	0	0.05	0	0.34999	0	0.34999	0	0.34999	0
2.33	0	2.31	0	2.31	0	2.21	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.31	0	2.21	0	2.21	0	2.34	0	0.14	1	0.37	0	0.37	0	0.37	0
2.21	0	2.34	0	2.34	0	2.23	0	0.31	0	0.33	0	0.33	0	0.33	0
2.34	0	2.23	0	2.23	0	2.27	0	0.12999	0	0.36	0	0.36	0	0.36	0
2.23	0	2.27	0	2.27	0	2.24	0	0.05	0	0.41999	0	0.41999	0	0.41999	0
2.27	0	2.24	0	2.24	0	2.24	0	0.05	0	0.33	0	0.33	0	0.33	0
2.24	0	2.24	0	2.24	0	2.54	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0
2.24	0	2.54	0	2.54	0	2.78	0	0.05999	0	0.40999	0	0.40999	0	0.40999	0
2.54	0	2.78	0	2.78	0	2.83	0	0.05	0	0.4	0	0.4	0	0.4	0
2.78	0	2.83	0	2.83	0	2.28	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0
2.83	0	2.28	0	2.28	0	2.51	0	0.05	0	0.31999	0	0.31999	0	0.31999	0
2.28	0	2.51	0	2.51	0	2.36	0	0.05999	0	1.58	0	1.58	0	1.58	0
2.51	0	2.36	0	2.36	0	2.75	0	0.3	0	0.88999	1	0.4	0	0.4	0
2.36	0	2.75	0	2.75	0	2.44	0	0.05999	0	0.4	0	0.4	0	0.4	0
2.75	0	2.44	0	2.44	0	3.16	0	0.6	0	0.38999	0	0.38999	0	0.38999	0

2.44	0	3.16	0	3.16	0	2.34	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
3.16	0	2.34	0	2.34	0	2.34	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.34	0	2.34	0	2.34	0	2.3	0	0.31	0	0.36	0	0.36	0	0.36	0
2.34	0	2.3	0	2.3	0	4.8	1	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.3	0	2.53	0	2.53	0	2.1	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.53	0	2.1	0	2.1	0	2.25	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0
2.1	0	2.25	0	2.25	0	2.44	0	0.05999	0	0.37999	0	0.47999	1	0.50999	1
2.25	0	2.44	0	2.44	0	2.29	0	0.05	0	3.57	1	3.26	0	3.26	0
2.44	0	2.29	0	2.29	0	2.53	0	0.05999	0	0.37999	0	0.37999	0	0.67	1
2.29	0	2.53	0	2.53	0	2.37	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.53	0	2.37	0	2.37	0	2.23	0	0.05999	0	6.26	1	3.86	1	1.89	0
2.37	0	2.23	0	2.23	0	2.18	0	0.61	0	0.38999	0	0.38999	0	0.70999	1
2.23	0	2.18	0	2.18	0	2.18	0	0.61	0	0.33	0	0.33	0	0.33	0
2.18	0	2.18	0	2.18	0	2.29	0	0.3	0	0.33	0	0.33	0	0.33	0
2.18	0	2.29	0	2.29	0	2.63	0	0.28999	0	0.34	0	0.34	0	0.34	0
2.29	0	2.63	0	2.63	0	2.58	0	0.23999	1	0.34999	0	0.34999	0	0.34999	0
2.63	0	2.58	0	2.58	0	2.71	0	1.3	0	0.31999	0	0.31999	0	0.31999	0
2.58	0	2.71	0	2.71	0	3.16	0	0.31	0	0.33	0	0.33	0	0.33	0
2.71	0	3.16	0	3.16	0	2.13	0	0.62999	0	0.31	0	0.31	0	0.31	0
3.16	0	2.13	0	2.13	0	2.27	0	0.64999	0	0.34999	0	0.34999	0	0.34999	0
2.13	0	2.27	0	2.27	0	2.18	0	0.67	0	2.54	1	2.1	1	1.8	0
2.27	0	2.18	0	2.18	0	2.2	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.18	0	2.2	0	2.2	0	2.36	0	0.05999	0	0.40999	1	0.36	0	0.36	0
2.2	0	2.36	0	2.36	0	2.2	0	0.07	0	0.37999	0	0.37999	0	0.37999	0
2.36	0	2.2	0	2.2	0	2.29	0	0.31	0	0.34999	0	0.34999	0	0.34999	0
2.2	0	2.29	0	2.29	0	2.53	0	0.67	0	0.34999	0	0.34999	0	0.34999	0
2.29	0	2.53	0	2.53	0	2.39	0	0.64999	0	0.37	0	0.37	0	0.37	0
2.53	0	2.39	0	2.39	0	2.36	0	1.3	0	0.36	0	0.36	0	0.36	0
2.39	0	2.36	0	2.36	0	2.31	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0
2.36	0	2.31	0	2.31	0	2.65	0	0.05999	0	0.34	0	0.34	0	0.34	0
2.31	0	2.65	0	2.65	0	2.7	0	0.05999	0	0.69999	1	0.94999	1	1.06	1
2.65	0	2.7	0	2.7	0	2.41	0	0.056	0	0.34	0	0.34	0	0.34	0
2.7	0	2.41	0	2.41	0	2.4	0	0.012	0	0.36	0	0.36	0	0.36	0
2.41	0	2.4	0	2.4	0	2.41	0	0.013	0	0.37	0	0.37	0	0.37	0
2.4	0	2.41	0	2.41	0	2.53	0	0.011	0	0.37	0	0.37	0	0.37	0
2.41	0	2.53	0	2.53	0	9.1	1	0.012	0	0.37	0	0.37	0	0.37	0
2.53	0	2.9	1	2.23	0	2.26	0	0.001	1	0.36	0	0.36	0	0.36	0
2.23	0	2.26	0	2.26	0	2.4	0	0.012	0	0.34999	0	0.34999	0	0.34999	0
2.26	0	2.4	0	2.4	0	2.48	0	0.012	0	0.86	1	0.33	0	0.33	0
2.4	0	2.48	0	2.48	0	2.2	0	0.011	0	0.37999	0	0.37999	0	0.37999	0
2.48	0	2.2	0	2.2	0	2.15	0	0.012	0	0.37	0	0.37	0	0.37	0
2.2	0	2.15	0	2.15	0	2.33	0	0.013	0	0.37999	0	0.37999	0	0.37999	0
2.15	0	2.33	0	2.33	0	2.7	0	0.012	0	0.38999	0	0.38999	0	0.38999	0
2.33	0	2.7	0	2.7	0	2.58	0	0.013	0	0.4	0	0.4	0	0.4	0
2.7	0	2.58	0	2.58	0	2.65	0	0.012	0	0.36	0	0.36	0	0.36	0
2.58	0	2.65	0	2.65	0	2.6	0	0.013	0	0.37	0	0.37	0	0.37	0
2.65	0	2.6	0	2.6	0	0.041	0	0.012	0	0.40999	0	0.40999	0	0.40999	0
2.6	0	0.041	0	0.041	0	2.47	0	0.013	0	0.37	0	0.37	0	0.37	0
0.041	0	2.47	0	2.47	0	2.37	0	0.012	0	0.4	0	0.4	0	0.4	0
2.47	0	2.37	0	2.37	0	2.38	0	0.013	0	0.38999	0	0.38999	0	0.38999	0
2.37	0	2.38	0	2.38	0	2	0	0.012	0	0.34	0	0.34	0	0.34	0
2.38	0	3.2	1	2	0	2.62	0	0.012	0	0.36	0	0.36	0	0.36	0
2	0	2.62	0	2.62	0	2.4	0	0.012	0	0.34999	0	0.34999	0	0.34999	0
2.62	0	2.4	0	2.4	0	2.6	0	1.6	0	0.37	0	0.37	0	0.37	0

2.4	0	2.6	0	2.6	0	2.31	0	0.003	1	0.41	0	0.029	1	0.41	0
2.6	0	2.31	0	2.31	0	2.29	0	1.5	0	0.39	0	0.39	0	0.39	0
2.31	0	2.29	0	2.29	0	2.49	0	0.012	0	0.43	0	0.43	0	0.43	0
2.29	0	2.49	0	2.49	0	3.3	1	0.013	0	0.18	1	0.18	1	0.34	1
2.49	0	2.37	0	2.37	0	2.78	0	0.012	0	0.043	1	0.048	1	0.078	1
2.37	0	2.78	0	2.78	0	2.23	0	0.012	0	0.5	1	0.5	1	1.1	1
2.78	0	2.23	0	2.23	0	2.51	0	0.013	0	0.12	1	0.13	1	0.23	1
2.23	0	2.51	0	2.51	0	2.23	0	1.7	0	0.044	1	0.042	1	0.093	1
2.51	0	2.23	0	2.23	0	2.65	0	1.6	0	0.2	1	0.078	1	0.32	1
2.23	0	2.65	0	2.65	0	2.15	0	0.012	0	0.14	1	0.14	1	0.11	1
2.65	0	2.3	1	2.15	0	2.15	0	0.012	0	0.018	1	0.032	1	0.43	0
2.15	0	2.15	0	2.15	0	2.11	0	1.5	0	0.037	1	0.044	1	0.034	1
2.15	0	2.11	0	2.11	0	2.23	0	11	0	0.43	0	0.43	0	0.43	0
2.11	0	2.23	0	2.23	0	2.24	0	0.13	0	1.3	1	1	1	2	1
2.23	0	2.24	0	2.24	0	2.64	0	12	0	0.42	0	0.42	0	0.42	0
2.24	0	2.64	0	2.64	0	2.69	0	1.3	0	0.047	1	0.074	1	0.18	1
2.64	0	2.69	0	2.69	0	2.57	0	0.012	0	0.02	1	0.43	0	0.43	0
2.69	0	2.57	0	2.57	0	2.36	0	0.039	1	0.085	1	0.11	1	0.2	1
2.57	0	2.36	0	2.36	0	2.32	0	0.039	1	0.026	1	0.027	1	0.03	1
2.36	0	2.32	0	2.32	0	13	1	0.039	1	0.025	1	0.029	1	0.048	1
2.32	0	3.3	1	2.38	0	2.62	0	0.039	1	0.41	0	0.031	1	0.41	0
2.38	0	2.62	0	2.62	0	2.59	0	0.039	1	0.47	1	0.44	1	0.67	1
2.62	0	13	1	2.59	0	2.59	0	0.039	1	0.093	1	0.086	1	0.093	1
2.59	0	2.59	0	2.59	0	2.56	0	0.039	1	0.086	1	0.078	1	0.12	1
2.59	0	2.56	0	2.56	0	2.52	0	0.039	1	0.68	1	0.41	1	8.1	0
2.56	0	2.52	0	2.52	0	2.61	0	0.039	1	0.02	1	0.019	1	0.037	1
2.52	0	2.61	0	2.61	0	2.18	0	0.37299	1	0.42	0	0.42	0	0.42	0
2.61	0	2.18	0	2.18	0	2.17	0	0.039	1	0.56	1	0.083	1	0.37	1
2.18	0	2.17	0	2.17	0	2.27	0	0.039	1	0.35	1	0.069	1	0.13	1
2.17	0	2.27	0	2.27	0	2.35	0	0.039	1	0.42	0	0.42	0	0.42	0
2.27	0	2.35	0	2.35	0	2.14	0	0.039	1	0.23	1	0.16	1	0.18	1
2.35	0	2.14	0	2.14	0	5.2	1	0.039	1	0.42	0	0.42	0	0.42	0
2.14	0	2.2	1	2.07	0	4.3	1	0.21699	1	0.39	0	0.39	0	0.39	0
2.07	0	2.1	1	2.13	0	2.17	0	2.13	1	0.048	1	0.073	1	0.11	1
2.13	0	2.17	0	2.17	0	2.14	0	0.27799	1	4.1	0	0.043	1	4.1	0
2.17	0	2.14	0	2.14	0	2.2	0	0.03	1	10	0	10	0	0.42	0
2.14	0	2.2	0	2.2	0	2.09	0	0.21699	1	0.42	0	0.42	0	0.39	0
2.2	0	2.09	0	2.09	0	2.07	0	0.03	1	0.39	0	0.39	0	1.2	1
2.09	0	2.07	0	2.07	0	2.3	0	0.03	1	0.66799	1	0.233	1	9.94	1
2.07	0	2.3	0	2.3	0	2.1	0	0.03	1	89.1	1	19.9	1	35.6	1
2.3	0	2.1	0	2.1	0	2.36	0	0.314	1	77.3	1	78.3	1	0.233	1
2.1	0	2.36	0	2.36	0	2.13	0	0.03	1	0.233	1	71.1	1	0.233	1
2.36	0	2.13	0	2.13	0	2.4	0	0.03	1	0.233	1	0.233	1	0.233	1
2.13	0	2.4	0	2.4	0	2.23	0	0.03	1	0.233	1	0.233	1	0.233	1
2.4	0	2.9	1	2.23	0	2.19	0	0.097	1	0.233	1	0.233	1	0.233	1
2.23	0	2.19	0	2.19	0	2.12	0	0.03	1	0.233	1	0.233	1	0.233	1
2.19	0	2.6	1	2.12	0	2.3	0	0.03	1	0.233	1	0.233	1	0.233	1
2.12	0	2.3	0	2.3	0	2.41	0	0.03	1	0.233	1	0.233	1	0.233	1
2.3	0	2.41	0	2.41	0	2.56	0	0.03	1	0.233	1	0.233	1	0.233	1
2.41	0	2.56	0	2.56	0	2.36	0	0.03	1	0.233	1	0.233	1	0.233	1
2.56	0	2.36	0	2.36	0	2.5	0	0.03	1	0.233	1	0.233	1	0.233	1
2.36	0	2.5	0	2.5	0	3.7	1	1.21	1	0.233	1	0.233	1	0.233	1
2.5	0	2.45	0	2.45	0	2.36	0	0.03	1	0.233	1	0.233	1	0.181	1
2.45	0	3	1	2.36	0	8.8	1	0.03	1	0.181	1	0.181	1	0.233	1

2.36	0	2.62	0	2.62	0	2.47	0	0.03	1	0.233	1	0.233	1	0.181	1
2.62	0	2.47	0	2.47	0	2.41	0	0.03	1	0.181	1	0.181	1	0.181	1
2.47	0	2.41	0	2.41	0	2.31	0	0.039	1	0.54299	1	0.181	1	0.181	1
2.41	0	2.31	0	2.31	0	2.24	0	0.03	1	1.88	1	0.181	1	0.181	1
2.31	0	2.24	0	2.24	0	2.12	0	0.03	1	0.181	1	0.181	1	0.181	1
2.24	0	2.12	0	2.12	0	2.28	0	0.0285	1	0.181	1	0.181	1	0.181	1
2.12	0	2.28	0	2.28	0	2.41	0	0.0275	1	0.181	1	0.181	1	0.181	1
2.28	0	2.41	0	2.41	0	2.5	0	0.085	1	0.882	1	0.181	1	0.181	1
2.41	0	2.5	0	2.5	0	2.45	0	2.06	1	0.181	1	0.181	1	0.181	1
2.5	0	2.45	0	2.45	0	2.45	0	0.0585	1	0.181	1	0.181	1	0.181	1
2.45	0	2.45	0	2.45	0	2.39	0	0.0315	1	0.181	1	0.181	1	0.181	1
2.45	0	2.39	0	2.39	0	2.31	0	0.027	1	0.181	1	0.181	1	0.181	1
2.39	0	2.31	0	2.31	0	2.21	0	0.0295	1	0.181	1	0.181	1	0.181	1
2.31	0	2.21	0	2.21	0	2.56	0	0.026	1	0.181	1	0.181	1	0.181	1
2.21	0	2.56	0	2.56	0	2.5	0	0.0285	1	0.181	1	0.181	1	0.181	1
2.56	0	2.5	0	2.5	0	2.51	0	0.74299	1	0.181	1	0.181	1	0.181	1
2.5	0	2.51	0	2.51	0	2.59	0	0.029	1	0.181	1	0.181	1	0.181	1
2.51	0	2.59	0	2.59	0	2.67	0	0.0275	1	0.181	1	0.181	1	0.181	1
2.59	0	2.67	0	2.67	0	2.42	0	0.0275	1	0.181	1	0.181	1	0.181	1
2.67	0	2.42	0	2.42	0	2.47	0			0.181	1	0.181	1	0.181	1
2.42	0	2.47	0	2.47	0	2.72	0			0.773	1	0.181	1	0.93	1
2.47	0	2.72	0	2.72	0	2.47	0			0.95399	1	1.84	1	0.181	1
2.72	0	2.47	0	2.47	0	2.68	0			1.58	1	0.181	1	14.1	1
2.47	0	2.68	0	2.68	0	2.59	0			0.233	1	0.233	1	0.181	1
2.68	0	2.59	0	2.59	0	2.57	0			0.181	1	0.181	1	0.181	1
2.59	0	2.57	0	2.57	0	2.42	0			0.181	1	0.181	1	0.17	1
2.57	0	2.42	0	2.42	0	2.36	0			0.17	1	0.17	1	0.165	1
2.42	0	2.36	0	2.36	0	2.48	0			0.165	1	0.165	1	0.17	1
2.36	0	2.48	0	2.48	0	2.16	0			0.17	1	0.17	1	0.185	1
2.48	0	2.16	0	2.16	0	2.08	0			0.185	1	0.185	1	0.175	1
2.16	0	2.08	0	2.08	0	2.38	0			0.175	1	0.175	1	0.19	1
2.08	0	2.38	0	2.38	0	2.01	0			0.19	1	0.19	1	0.165	1
2.38	0	2.01	0	2.01	0	0.048	0			0.165	1	0.165	1	0.175	1
2.01	0	0.048	0	0.048	0	0.18	1			0.175	1	0.175	1	0.155	1
0.048	0	0.15	1	0.042	0	0.039	0			0.155	1	0.155	1	0.17	1
0.028	1	0.039	0	0.031	1	0.044	0			0.17	1	0.17	1	0.18	1
0.039	0	0.044	0	0.044	0	3.6	1			0.18	1	0.18	1	0.175	1
0.044	0	0.68	1	0.77	1	0.15	1			0.175	1	0.175	1	1.645	1
0.037	0	0.1	1	0.06	1	6	1			1.645	1	1.645	1	0.165	1
0.039	0	0.43	1	2.2	1	0.68	1			0.165	1	0.165	1		
0.036	0	0.11	1	0.17	1	0.63	1								
0.04	0	0.18	1	0.15	1	2	1								
0.04	0	0.31	1	0.39	1	0.46	1								
0.036	0	1.6	1	0.48	1	0.046	1								
0.04	0	0.15	1	0.039	1	0.1	1								
0.042	0	0.024	1	0.044	1	0.043	0								
0.039	0	0.043	0	0.043	0	1.5	1								
0.043	0	1.6	1	0.8	1	0.071	1								
0.038	0	0.044	1	0.045	1	0.43	1								
0.042	0	1.4	1	0.26	1	0.022	1								
0.04	0	0.043	1	0.043	0	0.54	1								
0.043	0	0.17	1	0.078	0	0.078	1								
0.078	0	0.02	1	0.041	0	0.76	1								
0.041	0	0.038	0	0.25	1	0.12	1								

0.038	0	0.041	0	0.038	1	0.071	1
0.041	0	2.4	1	0.038	0	0.017	1
0.038	0	0.16	1	0.043	0	0.44	1
0.043	0	0.81	1	0.039	0	0.22	1
0.039	0	0.35	1	0.081	0	0.032	1
0.081	0	0.31	1	0.038	0	0.01	1
0.038	0	0.1	1	0.042	0	0.056	1
0.042	0	0.1	1	0.04	0	0.014	1
0.04	0	0.027	1	0.04	0	0.042	0
0.04	0	0.042	0	0.042	0	0.016	1
0.042	0	1.2	1	0.044	0	0.026	1
0.044	0	0.33	1	0.042	0	0.1	1
0.042	0	10	1	0.19	0	0.091	1
0.19	0	1.1	1	0.04	0	0.041	0
0.04	0	1.6	1	0.041	0	0.043	0
0.041	0	1	0	1	0	0.041	0
1	0	0.13	1	0.043	0	1.21	1
0.42	1	0.041	0	0.041	0	1.21	1
0.041	0	1.21	1	1.21	1	1.555	1
2.415	1	1.21	1	1.21	1	1.555	1
2.415	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.555	1	1.555	1	1.21	1
3.105	1	1.555	1	1.555	1	1.555	1
3.105	1	1.21	1	1.21	1	1.21	1
2.415	1	1.555	1	1.555	1	1.21	1
3.105	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1

2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.21	1	1.21	1	25.2	1
2.415	1	1.21	1	1.21	1	1.555	1
2.415	1	1.21	1	1.21	1	1.21	1
2.415	1	1.555	1	1.555	1	1.21	1
3.105	1	1.21	1	1.21	1	1.13	1
2.415	1	1.21	1	1.21	1	1.095	1
2.415	1	1.13	1	1.13	1	1.13	1
2.265	1	1.095	1	1.095	1	1.245	1
2.19	1	1.13	1	1.13	1	1.17	1
2.265	1	1.245	1	1.245	1	1.25	1
2.495	1	1.17	1	1.17	1	1.09	1
2.335	1	1.25	1	1.25	1	1.175	1
2.505	1	1.09	1	1.09	1	1.03	1
2.175	1	1.175	1	1.175	1	1.135	1
2.355	1	1.03	1	1.03	1	1.205	1
2.065	1	1.135	1	1.135	1	1.165	1
2.27	1	1.205	1	1.205	1	1.095	1
2.41	1	1.165	1	1.165	1	1.095	1
2.335	1	1.095	1	1.095	1		
2.195	1	1.095	1	1.095	1		
2.195	1						

Benzo(k)fluora	D_Benzo(k)flu	bis(2-Chloroeth	D_bis(2-Chloro	Carbazole	D_Carbazol	Chromium	D_Chromiun	Dibenzo(a,h)anth	D_Dibenzo(a,h)a	Dibromochlorom	D_Dibromochlor	Dichloromethane	D_Dichlorometh	Ethyl benzene	D_Ethyl benzer
0.042	1	0.366	0	0.44	0	2.21	1	0.064	1	0.00019	0	0.00017	0	0.00004	0
0.0072	1	0.414	0	0.38	0	2.78	1	0.012	1	0.0002	0	0.00017	0	0.00005	0
0.0012	1	0.403	0	0.39	0	3.57	1	0.0006	1	0.00023	0	0.00033	1	0.00005	0
0.00015	0	0.50499	0	0.37	0	3.87	1	0.00028	0	0.00018	0	0.00016	0	0.00004	0
0.00038	1	2.27	0	0.38	0	1.97	1	0.00059	1	0.00019	0	0.00017	0	0.00004	0
0.14	1	2.26	0	0.43	0	3.18	1	0.4	1	0.00017	0	0.00015	0	0.00004	0
0.0095	1	2.2	0	0.46	0	2.18	1	0.0043	1	0.00018	0	0.00034	1	0.00209	1
0.00073	1	11.4	0	0.73	0	2.76	1	0.001	1	0.00018	0	0.00016	0	0.00004	0
0.00028	1	2.14	0	0.46	0	2.7	0	0.00028	0	2.7	0	2.7	0	2.7	0
0.00015	0	1.26	0	0.37	0	2.22	1	0.00028	0	0.00555	0	0.0111	0	0.00555	0
0.009	1	0.44	0	0.37	0	1.26	1	0.0066	1	0.00627	0	0.0125	0	0.00627	0
0.366	0	0.38	0	0.38	0	0.855	0	0.366	0	0.00611	0	0.0122	0	0.00611	0
0.414	0	0.39	0	0.41	0	2.04	1	0.414	0	0.0051	0	0.0102	0	0.0051	0
0.403	0	0.37	0	0.41	0	12.6	1	0.403	0	0.00573	0	0.0115	0	0.00573	0
0.50499	0	0.38	0	0.39	0	5.7	1	0.50499	0	0.0057	0	0.0114	0	0.0057	0
2.27	0	0.43	0	0.43	0	5.57	1	2.27	0	0.00557	0	0.0111	0	0.00557	0
2.26	0	0.46	0	0.37	0	4.62	1	2.26	0	0.00578	0	0.0116	0	0.00578	0
2.2	0	0.73	0	0.4	0	4.32	1	2.2	0	0.00541	0	0.0108	0	0.00541	0
11.4	0	0.46	0	0.044	1	2.54	1	11.4	0	0.00635	0	2.16	1	0.00635	0
2.14	0	0.37	0	0.4	0	3.6	1	2.14	0	1.65	0	1.65	0	1.65	0
1.26	0	0.37	0	0.4	0	11.5	1	1.26	0	0.006	0	0.006	0	0.006	0
0.44	0	0.38	0	0.36	0	10.4	1	0.44	0	0.006	0	0.006	0	0.006	0
0.38	0	0.41	0	0.4	0	8.5	1	2.7	1	0.006	0	0.006	0	0.006	0
0.39	0	0.41	0	0.43	0	7.5	1	0.39	0	0.006	0	0.006	0	0.006	0
0.77	1	0.39	0	0.39	0	6.1	1	0.51	1	0.005	0	0.005	0	0.005	0
0.46	1	0.43	0	0.43	0	2.7	0	0.38	0	0.006	0	0.006	0	0.006	0
0.43	0	0.37	0	0.038	1	6.2	1	0.43	0	0.007	0	0.007	0	0.007	0
0.46	0	0.4	0	0.42	0	4	1	0.46	0	0.006	0	0.005	0	0.006	0
0.73	0	0.37	0	0.41	0	3.4	1	0.73	0	0.006	0	0.006	0	0.006	0
0.46	0	0.4	0	0.43	0	11	1	0.46	0	0.006	0	0.006	0	0.006	0
0.37	0	0.4	0	0.39	0	6.5	1	0.37	0	0.005	0	0.005	0	0.005	0
0.48	1	0.36	0	0.42	0	2	1	0.37	0	0.006	0	0.006	0	0.006	0
0.38	0	0.4	0	0.39	0	0.75	0	0.38	0	0.05999	0	16	1	0.05999	0
1.2	0	0.43	0	0.41	0	3.3	1	1.2	0	0.05	0	0.4	1	0.05	0
0.33	0	0.39	0	0.022	1	1.9	1	0.33	0	0.05999	0	0.05999	0	1.34	1
1.87	0	0.43	0	0.43	0	22	0	1.87	0	0.05999	0	0.05999	0	0.72	1
5.54	0	0.39	0	0.39	0	1.4	1	5.54	0	0.05999	0	0.05999	0	0.50999	1
1.6	0	0.42	0	8.1	0	1.4	1	1.6	0	0.05	0	0.05	0	0.54	1
5.42	0	0.41	0	0.39	0			5.42	0	0.10999	0	0.10999	0	0.10999	0
6.11	0	0.43	0	0.42	0			6.11	0	0.10999	0	0.10999	0	0.10999	0
5.53	0	0.39	0	0.047	1			5.53	0	0.05999	0	0.55	1	0.2	1
0.31	0	0.42	0	0.4	0			0.31	0	0.05999	0	0.4	1	0.05999	0
0.31999	0	0.39	0	0.42	0			0.31999	0	1.2	0	1.2	0	1.2	0
0.36	0	0.41	0	0.076	1			0.36	0	0.05999	0	0.2	1	0.05999	0
0.36	0	0.38	0	0.42	0			0.36	0	0.05999	0	0.05999	0	0.05999	0
0.40999	0	0.43	0	0.39	0			0.40999	0	0.05999	0	0.05999	0	0.05999	0
0.33	0	0.39	0	0.005	1			0.33	0	0.05999	0	0.05999	0	0.05999	0
3.98	0	8.1	0	4.1	0			3.98	0	0.05999	0	0.05999	0	0.05999	0
4.1	0	0.39	0	10	0			4.1	0	0.05999	0	0.05999	0	0.05999	0
2.01	0	0.42	0	0.42	0			2.01	0	0.05999	0	0.05999	0	0.05999	0
1.9	0	0.4	0	0.39	0			1.9	0	0.05999	0	0.05999	0	0.05999	0
0.37999	0	0.4	0					0.37999	0	0.05999	0	0.05999	0	0.05999	0
0.72	0	0.42	0					0.72	0	0.05999	0	0.05999	0	0.05999	0

3.6	0	0.38	1			3.6	0	0.05999	0	0.05999	0	0.05999	0		
0.37999	0	0.42	0			0.37999	0	0.05999	0	0.05999	0	1.53	1		
0.33	0	0.39	0			0.33	0	0.05	0	0.05	0	0.05	0		
0.33	0	0.39	0			0.33	0	0.05999	0	0.05999	0	0.05999	0		
0.4	0	4.1	0			0.4	0	0.07	0	0.07	0	0.07	0		
0.36	0	45	0			0.36	0	0.05999	0	0.05999	0	0.05999	0		
0.34999	0	10	0			0.34999	0	0.07	0	0.07	0	0.07	0		
0.34999	0	54	0			0.34999	0	0.05	0	0.05	0	0.05	0		
0.34999	0	0.42	0			0.34999	0	0.05999	0	0.05999	0	0.15	1		
0.34	0	0.39	0			0.34	0	0.05	0	0.05	0	0.05	0		
0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999	0		
0.34	0					0.34	0	0.05	0	0.05	0	0.05	0		
0.34	0					0.34	0	0.07	0	0.07	0	0.07	0		
0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999	0		
0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999	0		
0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999	0		
0.3	0					0.3	0	0.05	0	0.05	0	0.05	0		
0.37999	0					0.37999	0	0.05999	0	0.05999	0	0.05999	0		
0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05	0	0.05	0	0.05	0		
0.34	0					0.34	0	0.05	0	0.05	0	0.05	0		
0.34999	0					0.34999	0	0.05	0	0.05	0	0.05	0		
0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999	0		
0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999	0		
0.43	0					0.43	0	0.05999	0	0.05999	0	0.05999	0		
0.37	0					0.37	0	0.07	0	0.07	0	0.07	0		
0.4	0					0.4	0	0.05999	0	0.05999	0	0.05999	1		
0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999	0		
0.34999	0					0.34999	0	0.05	0	0.05	0	0.05	0		
0.33	0					0.33	0	0.05999	0	0.05999	0	0.05999	0		
0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999	0		
0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999	0		
0.36	0					0.36	0	0.05999	0	0.05999	0	0.05999	0		
0.37999	0					0.37999	0	0.05999	0	0.05999	0	0.05999	0		
0.38999	0					0.38999	0	0.07	0	0.07	0	0.07	0		
0.34999	0					0.34999	0	0.07	0	0.07	0	0.07	0		
0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999	0		
0.36	0					0.36	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05	0	0.05	0	0.05	0		
0.37	0					0.37	0	0.05999	0	0.05999	0	0.05999	0		
0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999	0		
0.31	0					0.31	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999	0		
0.33	0					0.33	0	0.05999	0	0.05999	0	0.05999	0		
0.37999	0					0.37999	0	0.05999	0	0.05999	0	0.05999	0		
0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999	0		
0.4	0					0.4	0	0.07	0	0.07	0	0.07	0		
0.33	0					0.33	0	0.07	0	0.07	0	0.07	0		
0.36	0					0.36	0	0.05999	0	0.05999	0	0.05999	0		
0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999	0		
0.34999	0					0.34999	0	2.9	0	2.9	0	2.9	0		

0.33	0			0.33	0	4.8	1	2.8	0	3.2	1				
0.37	0			0.37	0	3	0	3	0	3	0				
0.34	0			0.34	0	3.2	0	3.2	0	3.2	0				
0.36	0			0.36	0	3.1	0	3.1	0	3.1	0				
0.37999	0			0.37999	0	0.05999	0	0.05999	0	0.05999	0				
0.34999	0			0.34999	0	0.05999	0	0.05999	0	0.05999	0				
0.38999	0			0.38999	0	0.05	0	0.05	0	0.05	0				
0.38999	0			0.38999	0	0.07	0	0.07	0	0.07	0				
0.36	0			0.36	0	0.12999	0	0.12999	0	0.12999	0				
0.36	0			0.36	0	0.07	0	0.07	0	0.07	0				
0.31999	0			0.31999	0	1.6	0	1.6	0	2.3	1				
0.34	0			0.34	0	6.6	0	6.6	0	6.6	0				
0.37	0			0.37	0	1.3	0	1.3	0	1.3	0				
0.34	0			0.34	0	0.05999	0	0.05999	0	0.41999	1				
0.34999	0			0.34999	0	0.05999	0	0.05999	0	0.05999	0				
0.34	0			0.34	0	0.05999	0	0.05999	0	0.05999	0				
0.34	0			0.34	0	0.05999	0	0.05999	0	0.05999	0				
0.34999	0			0.34999	0	0.05999	0	0.05999	0	0.05999	0				
0.33	0			0.33	0	0.05999	0	0.05999	0	0.05999	0				
0.40999	0			0.40999	0	0.05999	0	0.05999	0	0.05999	0				
0.40999	0			0.40999	0	0.07	0	0.07	0	0.07	0				
0.34999	0			0.34999	0	0.05999	0	0.05999	0	0.05999	0				
0.34	0			0.34	0	0.07	0	0.07	0	0.07	0				
0.34999	0			0.34999	0	0.64999	0	0.64999	0	0.64999	0				
0.34	0			0.34	0	0.05999	0	0.05999	0	0.05999	0				
0.36	0			0.36	0	0.62999	0	1	1	0.62999	0				
0.40999	1			0.38999	0	1.3	0	2.3	1	4.3	1				
0.37	0			0.37	0	0.27	0	0.27	0	0.27	0				
0.36	0			0.36	0	0.05999	0	0.05999	0	0.05999	0				
0.33	0			0.33	0	0.66	0	1.7	1	0.66	0				
0.33	0			0.33	0	0.07	0	0.07	0	0.07	0				
0.38999	0			0.38999	0	0.07	0	0.07	0	0.07	0				
0.38999	0			0.38999	0	0.07	0	0.07	0	0.07	0				
0.40999	0			0.40999	0	0.05999	0	0.05999	0	0.05999	0				
0.46999	0			0.46999	0	0.07	0	0.07	0	0.07	0				
0.4	0			0.4	0	0.05999	0	0.05999	0	0.05999	0				
0.4	0			0.4	0	0.05999	0	0.05999	0	0.05999	0				
0.36	0			0.36	0	0.07	0	0.07	0	0.10999	1				
0.36	0			0.36	0	0.05999	0	0.05999	0	0.05999	0				
0.37999	0			0.37999	0	0.07	0	0.07	0	0.07	0				
0.46	1			0.34	0	0.05999	0	0.05999	0	0.05999	0				
0.34	0			0.34	0	0.07	0	0.07	0	0.07	0				
0.36	0			0.36	0	0.05999	0	0.05999	0	0.05999	0				
0.34999	0			0.34999	0	0.07999	1	0.05999	0	0.05999	0				
0.37	0			0.37	0	0.09	1	0.05	0	0.05	0				
0.38999	0			0.38999	0	0.25999	0	0.25999	0	0.25999	0				
0.38999	0			0.38999	0	0.05999	0	0.05999	0	0.05999	0				
0.37	0			0.37	0	1.3	0	1.3	0	16.3	1				
0.37999	0			0.37999	0	0.66	0	0.66	0	1.4	1				
0.4	0			0.4	0	0.05999	0	0.05999	0	0.05999	0				
0.4	0			0.4	0	1.4	1	0.66	0	3.1	1				
0.37999	0			0.37999	0	0.61	0	0.61	0	4.6	1				
0.4	0			0.4	0	0.07	0	0.07	0	0.38999	1				
0.4	0			0.4	0	0.07	0	0.07	0	0.07	0				

0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	0.36	0	0.05999	0
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.37	0	0.37	0	0.07	0	0.07	0	0.07	0	0.37	0	0.37	0	0.07	0
0.36	0	0.36	0	0.012	0	0.006	1	0.012	0	0.36	0	0.36	0	0.012	0
0.41999	0	0.41999	0	0.05999	0	0.05999	0	0.05999	0	0.41999	0	0.41999	0	0.05999	0
0.37	0	0.37	0	0.05999	0	0.05999	0	0.1	1	0.37	0	0.37	0	0.05999	0
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999	0	0.37999	0	0.37999	0	0.05999	0
0.40999	0	0.40999	0	1.3	0	1.3	0	2.3	1	0.40999	0	0.40999	0	1.3	0
0.40999	0	0.40999	0	0.05999	0	0.05999	0	0.05999	0	0.40999	0	0.40999	0	0.05999	0
0.33	0	0.33	0	0.07	0	0.07	0	0.07	0	0.33	0	0.33	0	0.07	0
0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0	0.05999	0
0.38999	0	0.38999	0	0.07	0	0.07	0	0.07	0	0.38999	0	0.38999	0	0.07	0
0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	0.36	0	0.05999	0
0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	0.38999	0	0.05999	0
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	0.34999	0	0.05999	0
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.36	0	0.36	0	0.07	0	0.07	0	0.07	0	0.36	0	0.36	0	0.07	0
0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	0.38999	0	0.05999	0
0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	0.38999	0	0.05999	0
0.34999	0	0.34999	0	1.4	0	1.4	0	6.6	1	0.34999	0	0.34999	0	1.4	0
0.34999	0	0.34999	0	0.07	0	0.07	0	0.68	1	0.34999	0	0.34999	0	0.07	0
0.34	0	0.34	0	0.05	0	0.05	0	0.07999	1	0.34	0	0.34	0	0.05	0
0.41999	1	0.34999	0	0.05	0	0.05	0	0.05	0	0.34999	0	0.34999	0	0.05	0
0.38999	0	0.38999	0	0.25999	0	0.25999	0	6.2	1	0.38999	0	0.38999	0	0.25999	0
0.41	0	0.41	0	0.07	0	0.07	0	0.15999	1	0.41	0	0.41	0	0.07	0
0.34	0	0.34	0	0.07	0	0.07	0	0.52999	1	0.34	0	0.34	0	0.07	0
0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	0.37	0	0.05999	0
0.36	0	0.36	0	0.05999	0	0.05999	0	0.07999	1	0.36	0	0.36	0	0.05999	0
0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	0.36	0	0.05999	0
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.34999	0	0.34999	0	0.17	1	0.12999	0	4.4	1	0.34999	0	0.34999	0	0.17	1
0.38999	0	0.38999	0	0.31999	0	0.31999	0	1.6	1	0.38999	0	0.38999	0	0.31999	0
0.36	0	0.36	0	0.25999	0	0.25999	0	1.2	1	0.36	0	0.36	0	0.25999	0
0.38999	0	0.38999	0	0.63999	0	0.63999	0	6	1	0.38999	0	0.38999	0	0.63999	0
0.34999	0	0.34999	0	0.05	0	0.05	0	0.05	0	0.34999	0	0.34999	0	0.05	0
0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0	0.05999	0
0.37	0	0.37	0	0.05999	0	0.05999	0	0.09	1	0.37	0	0.37	0	0.05999	0
0.44999	1	0.33	0	0.31	0	0.31	0	0.86	1	0.44999	1	0.33	0	0.31	0
0.36	0	0.36	0	0.12999	0	0.12999	0	0.23999	1	0.36	0	0.36	0	0.12999	0
0.41999	0	0.41999	0	0.05	0	0.05	0	0.05	0	0.41999	0	0.41999	0	0.05	0
0.33	0	0.33	0	0.05	0	0.05	0	0.15999	1	0.33	0	0.33	0	0.05	0
0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999	0	0.37999	0	0.37999	0	0.05999	0
0.40999	0	0.40999	0	0.05999	0	0.05999	0	0.05999	0	0.40999	0	0.40999	0	0.05999	0
0.4	0	0.4	0	0.05	0	0.05	0	0.05	0	0.4	0	0.4	0	0.05	0
0.31999	0	0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0	0.31999	0	0.05999	0
0.31999	0	0.31999	0	0.05	0	0.05	0	0.05	0	0.31999	0	0.31999	0	0.05	0
1.82	1	1.58	0	0.05999	0	0.05999	0	0.05999	0	1.82	1	1.58	0	0.05999	0
0.4	0	0.4	0	0.43	1	0.3	0	5.2	1	0.4	0	0.4	0	0.43	1
0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999	0	0.4	0	0.4	0	0.05999	0
0.38999	0	0.38999	0	0.6	0	0.6	0	0.6	0	0.38999	0	0.38999	0	0.6	0

0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.36	0	0.36	0	0.31	0	0.31	0	0.61	1	0.31	0
0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
3.26	0	3.26	0	0.05	0	0.05	0	0.05	0	0.05	0
0.61	1	0.37999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.34	0	0.34	0	0.07	1	0.05999	0	0.05999	0	0.05999	0
1.89	0	1.89	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.38999	0	0.38999	0	0.61	0	0.61	0	0.61	0	0.61	0
0.33	0	0.33	0	0.61	0	0.61	0	0.61	0	0.61	0
0.33	0	0.33	0	0.3	0	0.3	0	0.3	0	0.3	0
0.34	0	0.34	0	0.28999	0	0.28999	0	0.6	1	0.28999	0
0.34999	0	0.34999	0	0.21999	0	0.21999	0	4.3	1	0.21999	0
0.31999	0	0.31999	0	1.3	0	1.3	0	1.3	0	1.3	0
0.33	0	0.33	0	0.31	0	0.31	0	0.31	0	0.31	0
0.31	0	0.31	0	0.62999	0	0.62999	0	1.7	1	0.62999	0
0.34999	0	0.34999	0	0.64999	0	0.64999	0	1.1	1	0.64999	0
1.8	0	1.8	0	0.67	0	0.67	0	0.67	0	0.67	0
0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.37999	0	0.37999	0	0.07	0	0.07	0	0.07	0	0.07	0
0.34999	0	0.34999	0	0.31	0	0.31	0	2	1	0.31	0
0.34999	0	0.34999	0	0.67	0	0.67	0	0.67	0	0.67	0
0.37	0	0.37	0	0.64999	0	0.64999	0	0.64999	0	0.64999	0
0.36	0	0.36	0	1.3	0	1.3	0	1.3	0	1.3	0
0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.99	1	0.47999	1	0.05999	0	0.05999	0	0.05999	0	0.05999	0
0.34	0	0.34	0	0.056	0	0.056	0	0.087	1	0.056	0
0.36	0	0.36	0	0.012	0	0.003	1	0.012	0	0.003	1
0.37	0	0.37	0	0.013	0	0.003	1	0.013	0	0.003	1
0.37	0	0.37	0	0.011	0	0.004	1	0.011	0	0.004	1
0.37	0	0.37	0	0.012	0	0.016	1	0.012	0	0.016	1
0.36	0	0.36	0	0.011	0	0.035	1	0.011	0	0.035	1
0.34999	0	0.34999	0	0.012	0	0.035	1	0.012	0	0.035	1
0.33	0	0.33	0	0.012	0	0.009	1	0.012	0	0.009	1
0.37999	0	0.37999	0	0.011	0	0.039	1	0.011	0	0.039	1
0.37	0	0.37	0	0.012	0	0.058	1	0.012	0	0.058	1
0.40999	1	0.37999	0	0.013	0	0.002	1	0.013	0	0.002	1
0.38999	0	0.38999	0	0.012	0	0.008	1	0.012	0	0.008	1
0.4	0	0.4	0	0.013	0	0.01	1	0.013	0	0.01	1
0.36	0	0.36	0	0.012	0	0.006	1	0.012	0	0.006	1
0.37	0	0.37	0	0.013	0	0.004	1	0.013	0	0.004	1
0.40999	0	0.40999	0	0.012	0	0.009	1	0.012	0	0.009	1
0.37	0	0.37	0	0.013	0	0.003	1	0.013	0	0.003	1
0.4	0	0.4	0	0.012	0	0.002	1	0.012	0	0.002	1
0.38999	0	0.38999	0	0.013	0	0.003	1	0.003	1	0.003	1
0.34	0	0.34	0	0.012	0	0.002	1	0.012	0	0.002	1
0.36	0	0.36	0	0.012	0	0.002	1	0.012	0	0.002	1
0.34999	0	0.34999	0	0.012	0	0.038	1	0.012	0	0.038	1
0.37	0	0.37	0	1.6	0	0.74	1	1.6	0	0.74	1

0.41	0	0.41	0	0.012	0	0.002	1	0.008	1						
0.39	0	0.39	0	1.5	0	1.5	0	1.5	0						
0.43	0	0.43	0	0.012	0	0.002	1	0.012	0						
0.13	1	0.37	0	0.013	0	0.004	1	0.013	0						
0.029	1	0.4	0	0.012	0	0.01	1	0.012	0						
0.4	1	0.12	1	0.012	0	0.002	1	0.018	1						
0.1	1	0.4	0	0.013	0	0.034	1	0.013	0						
0.028	1	0.4	0	1.7	0	1.7	0	1.7	0						
0.12	1	0.36	0	1.6	0	1.6	0	1.6	0						
0.028	1	0.4	0	0.012	0	0.031	1	0.012	0						
0.43	0	0.43	0	0.012	0	0.013	1	0.0007	1						
0.39	0	0.39	0	1.5	0	0.26	1	0.91	1						
0.43	0	0.43	0	11	0	11	0	11	0						
0.8	1	0.18	1	0.13	0	0.13	0	0.13	0						
0.42	0	0.42	0	12	0	12	0	18	1						
0.057	1	0.41	0	1.3	0	1.3	0	1.3	0						
0.43	0	0.43	0	0.012	0	0.012	0	0.012	0						
0.075	1	0.39	0	0.039	1	0.039	1	0.039	1						
0.42	0	0.42	0	0.039	1	0.039	1	0.039	1						
0.39	0	0.39	0	0.039	1	0.039	1	9.63	1						
0.41	0	0.41	0	0.039	1	0.039	1	32.9	1						
0.26	1	0.081	1	0.039	1	0.039	1	1.09	1						
0.029	1	0.43	0	0.039	1	0.039	1	0.039	1						
0.042	1	0.39	0	0.039	1	0.039	1	0.039	1						
8.1	0	8.1	0	0.039	1	0.039	1	0.039	1						
0.39	0	0.39	0	0.039	1	0.039	1	1.26	1						
0.42	0	0.42	0	0.039	1	0.039	1	6.21	1						
0.13	1	0.4	0	0.039	1	0.039	1	0.039	1						
0.4	0	0.4	0	0.039	1	0.039	1	0.039	1						
0.42	0	0.42	0	0.039	1	0.039	1	0.039	1						
0.051	1	4.4	0	0.039	1	0.039	1	0.039	1						
0.42	0	0.42	0	0.039	1	0.039	1	0.039	1						
0.39	0	0.39	0	0.03	1	0.03	1	22.5	1						
0.039	1	0.39	0	0.039	1	0.039	1	40.2	1						
4.1	0	4.1	0	0.03	1	0.03	1	6.68	1						
0.42	0	10	0	0.03	1	0.03	1	39	1						
0.39	0	0.42	0	0.03	1	0.03	1	10.4	1						
0.233	1	0.39	0	0.03	1	0.03	1	12.7	1						
9.94	1	0.233	1	0.03	1	0.03	1	55.3	1						
35.6	1	0.233	1	0.03	1	0.03	1	7.31	1						
0.233	1	0.233	1	0.03	1	0.03	1	16.3	1						
0.233	1	0.233	1	0.03	1	0.03	1	20.8	1						
0.233	1	0.233	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.181	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.233	1	0.03	1	0.03	1	18	1						
0.233	1	0.181	1	0.03	1	0.03	1	3.35	1						
0.233	1	0.181	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.181	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.181	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.181	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.181	1	0.03	1	0.03	1	7.91	1						
0.233	1	0.181	1	0.03	1	0.03	1	28.6	1						
0.181	1	0.181	1	0.03	1	0.03	1	0.03	1						
0.233	1	0.181	1	0.03	1	0.03	1	0.03	1						

0.181	1	0.181	1	0.03	1	0.03	1	12.2	1
0.181	1	0.181	1	0.03	1	0.03	1	0.03	1
0.181	1	0.181	1	0.039	1	0.039	1	6.93	1
0.181	1	0.181	1	0.03	1	0.03	1	0.03	1
0.181	1	0.181	1	0.03	1	0.03	1	0.03	1
0.181	1	0.181	1	0.0285	1	0.0285	1	0.12399	1
0.181	1	0.181	1	0.0275	1	0.0275	1	0.0275	1
0.181	1	0.181	1	0.085	1	0.085	1	3.14	1
0.181	1	0.181	1	0.625	1	0.625	1	25.2	1
0.181	1	0.181	1	0.0585	1	0.0585	1	0.989	1
0.181	1	0.181	1	0.0315	1	0.185	1	3.24	1
0.181	1	3.2	1	0.027	1	4.58	1	0.027	1
0.181	1	0.181	1	0.0295	1	0.0295	1	5.58	1
0.181	1	0.233	1	0.026	1	0.54	1	0.026	1
0.181	1	0.181	1	0.0285	1	0.63499	1	0.0285	1
0.181	1	0.181	1	0.03	1	1.07	1	16.7	1
0.181	1	0.17	1	0.029	1	2.33	1	0.029	1
0.181	1	0.165	1	0.0275	1	3.17	1	1.55	1
0.181	1	0.17	1	0.0275	1	0.94499	1	0.0275	1
0.181	1	0.185	1						
0.93	1	0.175	1						
0.181	1	0.19	1						
14	1	0.165	1						
0.181	1	0.175	1						
0.181	1	0.155	1						
0.17	1	0.17	1						
0.165	1	0.18	1						
0.17	1	0.175	1						
0.185	1	1.645	1						
0.175	1	0.165	1						
0.19	1								
0.165	1								
0.175	1								
0.155	1								
0.17	1								
0.18	1								
0.175	1								
1.645	1								
0.165	1								

Indeno(1,2,3-cd	D_Indeno(1,2,3	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercu	Naphthalene	D_Naphthalen	n-Butylbenz	D_n-Butylb	n-Propylber	D_n-Propyl	Vanadium	D_Vanadium
0.13	1	625	1	742	1	12.3	1	0.045	1	0.00011	0	0.00007	0	28.8	1
0.025	1	386	1	9.69	1	0.892	1	0.00769	1	0.00011	0	0.00007	0	4.42	1
0.0022	1	3600	1	5.54	1	0.206	1	0.0012	1	0.00013	0	0.00008	0	4.75	1
0.00016	0	3170	1	38.6	1	9.63	1	0.00038	1	0.00009	0	0.00006	0	2.63	1
0.00064	1	1660	1	10.2	1	3.01	1	0.00098	1	0.00011	0	0.00007	0	3.6	1
0.48	1	500	1	11.1	1	2.13	1	0.12	1	0.00009	0	0.00006	0	12.3	1
0.015	1	1070	1	37.6	1	9.14	1	0.0029	1	0.00036	1	0.007	1	99.1	1
0.0012	1	889	1	1.38	1	0.023	1	0.00939	1	0.00009	0	0.00006	0	2.7	1
0.00026	1	2400	1	3.02	1	0.0696	1	0.00051	1	17	1	9.1	1	2.18	1
0.00016	0	1330	1	73.8	1	0.517	1	0.00074	1	0.05	0	0.05	0	1.75	1
0.015	1	991	1	11.9	1	4.5	1	0.013	1	0.05999	0	1.78	1	3.42	1
0.366	0	183	1	55.9	1	0.183	1	0.366	0	0.05999	0	0.05999	0	9.9	1
0.414	0	888	1	3.71	1	0.0394	1	0.414	0	0.05999	0	0.05999	0	2.22	1
0.403	0	16000	1	19.2	1	0.0183	1	0.403	0	0.05	0	0.05	0	1.26	1
0.50499	0	9010	1	19.2	1	0.128	1	0.50499	0	7.5	1	1.81	1	1.22	1
2.27	0	13400	1	16.1	1	0.03999	0	2.27	0	3.3	1	3	1	3.06	1
2.26	0	7400	1	326	1	17.4	1	2.26	0	0.05999	0	0.05999	0	60.7	1
2.2	0	9410	1	163	1	12.1	1	2.2	0	0.4	1	0.05999	0	33.1	1
11.4	0	1260	1	3.33	1	0.277	0	11.4	0	17.8	1	1.2	0	22.3	1
2.14	0	352	1	3.76	0	0.314	0	2.14	0	0.15	1	0.05999	0	15	1
1.26	0	20300	1	3.66	0	0.061	0	1.26	0	0.05999	0	0.05999	0	17.3	1
0.44	0	17900	1	11.2	1	0.25499	0	13	1	0.05999	0	2.3	1	2.54	1
2.2	1	25500	1	263	1	0.34099	1	0.38	0	0.05999	0	0.05999	0	13	0
1.7	1	8860	1	182	1	1.2	1	0.39	0	0.05999	0	0.05999	0	61	1
0.66	1	5340	1	323	1	4.13	1	0.37	0	0.05999	0	0.05999	0	59.1	1
0.38	0	1090	1	243	1	0.386	1	0.38	0	0.05999	0	0.05999	0	40.2	1
0.43	0	8830	1	249	1	3.84	1	0.43	0	0.05999	0	0.05999	0	13.6	1
0.46	0	32.7	1	6.35	1	0.31799	0	0.46	0	0.05999	0	0.05999	0	29.4	1
0.73	0	2180	1	4.8	1	0.12999	0	0.73	0	0.05999	0	0.05999	0	14	0
0.46	0	8950	1	334	1	0.84799	1	0.46	0	0.05999	0	0.05999	0	22.5	1
0.37	0	11600	1	454	1	0.14499	1	0.37	0	15.04	1	1.59	1	19.1	1
0.37	0	901	1	274	1	4.41	1	0.37	0	13.83	1	2.1	1	14	0
0.38	0	4500	1	259	1	1.08	1	0.38	0	5.6	1	0.05999	0	17.8	1
1.2	0			99.7	1	1.32	1	1.2	0	8.59	1	4.19	1	14.5	1
0.33	0			4.4	1	0.14	0	0.33	0	17.2	1	0.05999	0	2.4	1
1.87	0			380	1	2.02	1	1.87	0	0.07	0	0.07	0	22	0
5.54	0			129	1	2.39	1	5.54	0	0.09	1	0.05	0		
1.6	0			3.8	1	0.26199	1	1.6	0	0.07999	1	0.34999	1		
5.42	0			269	1	2.76	1	5.42	0	0.05	0	0.05	0		
6.11	0			256	1	1.77	1	6.11	0	0.05999	0	0.05999	0		
5.53	0			538	1	0.62999	0	5.53	0	0.05	0	0.05	0		
0.31	0			111	1	0.55	0	0.31	0	0.07	0	0.07	0		
0.31999	0			19.9	1	0.62	0	0.31999	0	3.45	1	1.46	1		
0.36	0			427	1	0.55	0	0.36	0	0.05999	0	0.05999	0		
0.36	0			121	1	0.64999	0	0.36	0	0.05999	0	0.05999	0		
0.40999	0			22.2	1	0.54	0	0.40999	0	0.05999	0	0.05999	0		
0.33	0			12.2	0	8.91	1	0.33	0	0.05	0	0.05	0		
3.98	0			297	1	0.62999	0	6.48	1	0.05999	0	0.05999	0		
4.1	0			119	1	0.6	0	4.1	0	0.05999	0	0.05999	0		
2.01	0			102	1	0.6	0	2.01	0	0.05	0	0.05	0		
1.9	0			165	1	12.6	1	1.9	0	0.05	0	0.05	0		
0.37999	0			12.7	0	0.34999	1	0.37999	0	0.05	0	0.05	0		
0.72	0			34.7	1	0.61	0	0.72	0	0.05999	0	0.05999	0		

3.6	0	12	0	0.37	1	3.6	0	0.05999	0	0.05999	0
0.37999	0	204	1	0.52999	1	0.37999	0	0.05999	0	0.05999	0
0.33	0	74.3	1	3.2	1	0.33	0	0.07	0	0.07	0
0.33	0	12.1	0	10.3	1	0.33	0	0.18	1	0.05999	0
0.4	0	11.9	0	2.78	1	0.4	0	0.05999	0	0.05999	0
0.36	0	61.5	1	0.34999	1	0.36	0	0.05	0	0.05	0
0.34999	0	374	1	0.56	0	0.34999	0	0.05999	0	0.05999	0
0.34999	0	124	1	0.50999	0	0.34999	0	0.05999	0	0.05999	0
0.34999	0	198	1	0.52999	0	0.34999	0	0.05999	0	0.05999	0
0.34	0	404	1	0.66	0	0.34	0	0.05999	0	0.05999	0
0.34	0	36.5	1	0.68	0	0.34	0	0.05999	0	0.05999	0
0.34	0	10.3	0	0.66	0	0.34	0	0.05999	0	0.05999	0
0.34	0	10.5	0	1.72	1	0.34	0	0.07	0	0.07	0
0.34999	0	21.8	1	0.52999	0	0.34999	0	0.07	0	0.07	0
0.34999	0	20.5	1	4.27	1	7.37	1	0.05999	0	0.05999	0
0.31999	0	140	1	0.31999	1	5.72	1	0.05999	0	0.05999	0
0.34	0	994	1	1.9	0	0.34	0	0.05	0	0.05	0
0.3	0	131	1	0.63999	0	0.3	0	0.05999	0	0.05999	0
0.37999	0	288	1	0.6	0	0.37999	0	0.05999	0	0.05999	0
0.34	0	11.4	0	0.6	0	0.34	0	0.05999	0	0.05999	0
0.31999	0	12.6	0	0.63999	0	0.31999	0	0.05999	0	0.05999	0
0.34	0	12.8	0	3.58	1	0.34	0	0.05999	0	0.05999	0
0.34999	0	11.9	0	0.66	0	0.34999	0	0.05999	0	0.05999	0
0.38999	0	12	0	0.44999	1	0.38999	0	0.05999	0	0.05999	0
0.38999	0	12.7	0	0.52999	0	4.49	1	0.05999	0	0.05999	0
0.43	0	27.2	1	0.62	0	0.43	0	25.2	1	31.3	1
0.37	0	11	0	0.55	0	0.70999	1	0.07	0	0.07	0
0.4	0	12.5	1	0.57999	1	0.4	0	0.05999	0	0.05999	0
0.31999	0	10.7	0	0.54	0	0.31999	0	8.85	1	20.8	1
0.34999	0	75.3	1	0.6	0	0.34999	0	15.8	1	3.2	1
0.33	0	15.2	1	0.57999	0	0.33	0	8	1	2.8	0
0.34	0	26.9	1	1.12	1	0.34	0	4.9	1	3	0
0.31999	0	27.6	1	5.74	1	0.31999	0	18.3	1	3.2	0
0.38999	0	12.4	0	1.03	1	0.38999	0	13	1	3.1	0
0.36	0	20.7	1	14.09	1	0.36	0	0.05999	0	0.05999	0
0.37999	0	12.9	0	0.61	1	0.37999	0	0.05999	0	0.05999	0
0.38999	0	27.3	1	3.15	1	0.38999	0	0.05	0	0.05	0
0.34999	0	12	0	2.08	1	0.34999	0	0.07	0	0.07	0
0.38999	0	11.6	0	0.58999	0	0.38999	0	0.12999	0	0.12999	0
0.36	0	11.7	0	0.52999	0	0.36	0	0.07	0	0.07	0
0.31999	0	55.3	1	0.76999	1	0.31999	0	4.1	1	3.3	1
0.37	0	11.3	0	0.74	1	0.37	0	8.9	1	6.6	0
0.34	0	426	1	0.73	1	0.34	0	3.7	1	2.2	1
0.31999	0	11.3	0	0.66	1	0.31999	0	0.10999	1	0.05999	0
0.31	0	42.5	1	0.56999	0	0.31	0	0.05999	0	0.05999	0
0.31999	0	11.8	0	0.67	0	0.31999	0	0.05999	0	0.05999	0
0.33	0	150	1	0.50999	1	0.33	0	0.56	1	0.07	1
0.37999	0	283	1	0.54	0	0.37999	0	0.05999	0	0.05999	0
0.34	0	433	1	11	1	0.34	0	0.05999	0	0.05999	0
0.4	0	150	1	3.73	1	0.4	0	0.05999	0	0.05999	0
0.33	0	87.1	1	0.51999	0	0.33	0	0.07	0	0.07	0
0.36	0	64.4	1	0.67	1	0.36	0	0.05999	0	0.05999	0
0.31999	0	72.2	1	0.54	0	0.31999	0	0.07	0	0.10999	1
0.34999	0	35.6	1	0.62999	0	0.34999	0	5.8	1	2.7	1

0.33	0	46.6	1	0.56999	0	0.33	0	0.05999	0	0.05999	0
0.37	0	10.8	0	0.88999	1	0.37	0	4.4	1	2.1	1
0.34	0	215	1	0.50999	0	0.34	0	14.8	1	3.8	1
0.36	0	613	1	0.51999	0	0.36	0	0.27	0	0.27	0
0.37999	0	10.5	0	0.52999	0	0.37999	0	0.05999	0	0.05999	0
0.34999	0	45.7	1	0.56	0	0.34999	0	1.1	1	0.66	0
0.38999	0	44.4	1	2.22	1	0.38999	0	0.07	0	0.07	0
0.38999	0	36.6	1	0.64999	0	0.38999	0	0.07	0	0.07	0
0.36	0	411	1	0.66	0	0.36	0	0.07	0	0.07	0
0.36	0	186	1	0.72	0	0.36	0	0.05999	0	0.05999	0
0.31999	0	377	1	1.23	1	0.31999	0	0.07	0	0.07	0
0.34	0	554	1	2.15	1	0.34	0	0.05999	0	0.05999	0
0.37	0	10.7	0	0.68	0	0.37	0	0.15	1	0.05999	0
0.34	0	73.2	1	0.61	0	0.34	0	0.07999	1	0.07	1
0.34999	0	244	1	0.66	0	0.34999	0	0.05999	0	0.05999	0
0.34	0	205	1	5.99	1	0.34	0	0.07	0	0.07	0
0.34	0	13.8	1	9.6	1	0.34	0	0.05999	0	0.05999	0
0.34999	0	769	1	9.36	1	0.34999	0	0.07	0	0.07	0
0.33	0	832	1	0.56999	0	0.33	0	0.05999	0	0.05999	0
0.40999	0	1580	1	1.69	1	4.51	1	0.05999	0	0.15	1
0.40999	0	922	1	0.64999	0	0.57999	1	0.05	0	0.05	0
0.34999	0	385	1	0.56999	0	0.34999	0	0.28	1	0.25999	0
0.34	0	13.2	0	0.54	0	0.34	0	0.05999	0	0.05999	0
0.34999	0	51.7	1	0.92	1	0.34999	0	73.6	1	27.9	1
0.34	0	63.2	1	0.8	1	1.16	1	7.5	1	4.1	1
0.63999	1	223	1	0.57999	0	0.36	0	0.11999	1	0.18	1
0.38999	0	11.5	0	1.17	1	0.38999	0	7.4	1	3.5	1
0.37	0	10.8	0	0.64999	0	0.37	0	0.61	0	9.7	1
0.36	0	20.2	1	0.64999	0	0.36	0	0.07999	1	0.07999	1
0.33	0	11.4	0	0.57999	0	0.33	0	0.14	1	0.07	0
0.33	0	284	1	2.79	1	0.33	0	0.05999	0	0.10999	1
0.38999	0	234	1	0.58999	0	0.38999	0	0.05999	1	0.05999	0
0.38999	0	205	1	0.58999	0	0.38999	0	0.05999	0	0.05999	0
0.40999	0	194	1	0.67	0	0.40999	0	0.10999	1	0.05999	0
0.46999	0	68.9	1	0.83999	1	0.76999	1	0.07	0	0.07	0
0.4	0	412	1	1.1	1	0.4	0	0.05999	0	0.21999	1
0.4	0	45	1	0.62999	1	0.4	0	0.17	1	0.31	1
0.36	0	11.1	0	0.56999	0	0.36	0	0.05999	0	0.21999	1
0.36	0	247	1	0.61	0	0.36	0	0.05999	0	0.2	1
0.37999	0	285	1	0.54	0	0.37999	0	12.2	1	4.5	1
0.34	0	11.5	0	0.61	0	0.34	0	0.05999	0	0.05999	0
0.34	0	22.1	1	0.56	0	0.34	0	0.07	0	0.07	0
0.36	0	25.2	1	0.52999	0	0.36	0	0.05999	0	0.05999	0
0.34999	0	44.1	1	0.51999	0	0.34999	0	0.07	0	0.07	0
0.37	0	33.5	1	0.54	0	0.37	0	0.05999	0	0.05999	0
0.38999	0	83	1	0.75999	1	0.38999	0	0.05999	0	0.05999	0
0.38999	0	12.9	0	0.62999	0	1.05	1	0.05999	0	0.05999	0
0.37	0	131	1	0.56999	0	0.37	0	0.12999	1	0.07	1
0.37999	0	11.4	0	0.67	0	0.37999	0	0.05999	0	0.05999	0
0.4	0	116	1	0.55	0	0.4	0	0.07	0	0.07	0
0.4	0	26.3	1	0.6	0	0.4	0	0.05999	0	0.05999	0
0.37999	0	12.2	0	0.50999	1	0.37999	0	0.05999	0	0.05999	0
0.4	0	67.2	1	0.56	0	0.4	0	23.9	1	9.2	1
0.4	0	10.7	0	0.52999	0	0.4	0	1.6	1	0.72	1

0.4	0	33.9	1	0.58999	0	0.4	0	0.28	1	0.10999	1
0.4	0	10.8	0	0.56	0	0.4	0	0.05	0	0.05	0
0.36	0	513	1	0.62	0	2.18	1	23.9	1	8.9	1
0.4	0	12.6	0	0.88999	1	0.4	0	0.33	1	0.15	1
0.37	0	18.7	1	0.6	0	0.37	0	0.8	1	0.95999	1
0.36	0	14.8	1	1.29	1	1.11	1	0.05999	0	0.05999	0
0.41999	0	49.2	1	0.64999	0	0.41999	0	0.07	1	0.05999	0
0.37	0	12	0	0.64999	0	0.37	0	0.05999	0	0.05999	0
0.4	0	104	1	0.55	1	0.4	0	0.05999	0	0.05999	0
0.37999	0	171	1	8.96	1	0.37999	0	4.6	1	4.2	1
0.40999	0	218	1	1.58	1	0.40999	0	9	1	3.1	1
0.40999	0	11.8	0	1.35	1	0.40999	0	4.9	1	2.4	1
0.33	0	19.5	1	0.61	0	0.33	0	18.6	1	8.9	1
0.34	0	12.4	0	1.72	1	0.34	0	0.05	0	0.05	0
0.38999	0	189	1	0.56	0	0.38999	0	0.05999	0	0.10999	1
0.36	0	16.9	1	0.54	0	0.36	0	0.91	1	0.07999	1
0.38999	0	103	1	2.09	1	0.79	1	9.9	1	2.9	1
0.4	0	148	1	0.57999	0	0.4	0	0.34999	1	0.67	1
0.34999	0	33.8	1	5.61	1	0.34999	0	0.07	1	0.05	0
0.4	0	13	0	6.67	1	0.4	0	0.07999	1	0.05	0
0.36	0	13.1	0	20.8	1	0.36	0	0.05999	0	0.05999	0
0.38999	0	74.2	1	0.72	1	0.61	1	0.05999	0	0.05999	0
0.38999	0	12.1	0	0.63999	1	0.46	1	0.05	0	0.05	0
0.34999	0	78.5	1	0.28999	1	0.34999	0	0.05999	0	0.05999	0
0.34999	0	128	1	0.76999	1	0.34999	0	0.05	0	0.05	0
0.34	0	12.3	0	0.57999	0	0.34	0	0.05999	0	0.05999	0
0.34999	0	1920	1	0.51999	0	0.34999	0	11	1	8.4	1
0.38999	0	11.2	0	1	1	0.38999	0	0.05999	0	0.05999	0
0.41	0	20.9	1	0.89999	1	0.41	0	1.5	1	1.2	1
0.34	0	1.93	1	0.6	0	0.34	0	0.05999	0	0.05999	0
0.37	0	45	1	3.84	1	0.37	0	1	1	0.62	1
0.36	0	157	1	0.57999	0	0.36	0	3.9	1	1.9	1
0.36	0	3000	1	0.89999	1	0.36	0	0.44999	1	0.05999	0
0.4	0	205	1	0.62999	0	0.5	1	0.10999	1	0.05999	0
0.34999	0	220	1	1.74	1	0.34999	0	0.05999	0	0.05999	0
0.38999	0	234	1	0.58999	0	0.38999	0	0.05999	0	0.05999	0
0.36	0	185	1	0.61	0	0.36	0	0.05	0	0.05	0
0.38999	0	22.4	1	1.05	1	0.38999	0	0.05999	0	0.05999	0
0.34999	0	13.8	1	2.04	1	0.34999	0	0.37999	1	0.11999	1
0.34	0	57.4	1	0.56999	0	0.34	0	0.05999	0	0.05999	0
0.37	0	105	1	3.86	1	0.37	0	1.4	1	0.91	1
0.33	0	273	1	0.68	0	0.33	0	0.61	0	0.61	0
0.36	0	107	1	0.62	0	0.36	0	1.6	1	0.3	0
0.41999	0	70.5	1	1.12	1	0.41999	0	7.1	1	0.89999	1
0.33	0	157	1	3.97	1	0.33	0	2.7	1	1.6	1
0.37999	0	33.2	1	0.56999	1	0.37999	0	2.6	1	2.3	1
0.40999	0	325	1	18.1	1	5.08	1	0.46999	1	0.37	1
0.4	0	22.7	1	0.55	1	1.51	1	22.3	1	3.1	1
0.31999	0	16.6	1	12.4	1	0.31999	0	2.2	1	2	1
0.31999	0	11.8	0	3.51	1	0.31999	0	0.67	0	0.67	0
1.58	0	92.1	1	0.55	0	14.6	1	0.1	1	0.07	1
0.4	0	136	1	0.57999	0	8.1	1	1.8	1	0.37	1
0.4	0	321	1	0.77999	1	3.15	1	3.8	1	0.61	1
0.38999	0	72	1	0.56999	0	1.3	1	2.8	1	0.82999	1

0.34999	0	27.4	1	0.56	0	0.34999	0	0.73	1	0.67	0
0.34999	0	13.6	0	0.56	0	0.34999	0	0.64999	0	0.64999	0
0.36	0	78.7	1	3.16	1	0.36	0	7.4	1	1.9	1
0.38999	0	182	1	6.07	1	5.48	1	0.10999	1	0.05999	0
0.38999	0	26.3	1	13	1	0.95999	1	0.05999	0	0.05999	0
0.38999	0	62.6	1	0.91	1	0.38999	0	0.05999	0	0.05999	0
0.37999	0	57.5	1	1.43	1	1.56	1	9.1	1	14	1
3.26	0	53.7	1	0.58999	0	3.26	0	0.039	1	0.039	1
0.37999	0	12	0	1.31	1	0.37999	0	0.039	1	0.039	1
0.34	0	305	1	10	1	0.34	0	0.039	1	0.039	1
1.89	0	80.3	1	10	1	5.78	1	0.039	1	0.039	1
0.38999	0	91.6	1	0.58999	0	0.38999	0	0.039	1	0.039	1
0.33	0	11.7	0	0.56999	0	0.33	0	0.039	1	0.039	1
0.33	0	42.9	1	0.57999	0	0.33	0	0.039	1	0.039	1
0.34	0	11.3	0	0.64999	1	0.34	0	0.039	1	0.039	1
0.34999	0	69	1	0.57999	0	0.34999	0	0.039	1	0.039	1
0.31999	0	11.2	0	0.56999	0	0.31999	0	0.039	1	0.039	1
0.33	0	520	1	5	1	0.33	0	0.039	1	0.039	1
0.31	0	876	1	1.02	1	0.31	0	0.039	1	0.039	1
0.34999	0	1100	1	4.58	1	0.34999	0	0.039	1	0.039	1
1.8	0	80.9	1	0.89999	1	2.56	1	0.039	1	0.039	1
0.34	0	653	1	0.56	0	0.34	0	0.039	1	0.039	1
0.36	0	204	1	0.61	0	9.56	1	0.03	1	0.03	1
0.37999	0	347	1	0.56999	0	0.37999	0	0.039	1	0.039	1
0.34999	0	86.2	1	0.62999	0	3.33	1	0.03	1	0.03	1
0.34999	0	232	1	2.66	1	2.35	1	0.03	1	0.03	1
0.37	0	11.7	0	0.56	0	0.37	0	0.03	1	0.03	1
0.36	0	22.5	1	5.08	1	0.36	0	0.03	1	0.03	1
0.34999	0	77.1	1	0.73	1	0.34999	0	0.03	1	0.03	1
0.34	0	37.4	1	0.56999	0	0.34	0	0.03	1	0.03	1
0.31999	0	29.4	1	0.66	0	0.31999	0	0.03	1	0.03	1
0.34	0	11.3	0	0.64999	0	0.34	0	0.03	1	0.03	1
0.36	0	436	1	0.68	0	0.36	0	0.03	1	0.03	1
0.37	0	33.6	1	0.79	0	0.37	0	0.03	1	0.03	1
0.37	0	65.9	1	4.04	1	0.37	0	0.03	1	0.03	1
0.37	0	20.1	1	10.4	1	0.37	0	0.03	1	0.03	1
0.36	0	12.5	0	2.66	1	0.40999	1	0.03	1	0.03	1
0.34999	0	628	1	2.63	1	0.34999	0	0.03	1	0.03	1
0.33	0	104	1	2.37	1	1.46	1	0.03	1	0.03	1
0.37999	0	24.8	1	20.8	1	0.37999	0	0.03	1	0.03	1
0.37	0	12.2	0	0.56999	0	0.37	0	0.03	1	0.03	1
0.37999	0	327	1	0.62999	0	0.37999	0	0.03	1	0.03	1
0.38999	0	18.9	1	0.81999	1	0.38999	0	0.03	1	0.03	1
0.4	0	90.2	1	1.63	1	0.4	0	0.03	1	0.03	1
0.36	0	85.3	1	0.57999	0	0.81	1	0.03	1	0.03	1
0.37	0	62.6	1	0.66	0	1.01	1	0.03	1	0.03	1
0.40999	0	71.5	1	0.67	0	0.40999	0	0.039	1	0.039	1
0.37	0	32	1	0.6	0	0.37	0	0.03	1	0.03	1
0.4	0	13.2	0	0.6	0	0.4	0	0.03	1	0.03	1
0.38999	0	12.9	0	2.73	1	0.54	1	0.656	1	0.0285	1
0.34	0	21	1	0.77999	1	0.34	0	0.0275	1	0.0275	1
0.36	0	31.6	1	1.89	1	0.36	0	23.3	1	0.085	1
0.34999	0	15.4	1	0.56	0	0.34999	0	86.2	1	13.3	1
0.37	0	246	1	0.6	0	0.37	0	5.22	1	0.0585	1

0.41	0	46.2	1	0.70999	1	3.4	1	9.79	1	1.23	1
0.39	0	137	1	0.55	0	0.39	0	0.027	1	0.027	1
0.43	0	4430	1	0.54	0	0.43	0	26.4	1	0.0295	1
0.11	1	160	1	0.57999	0	0.083	1	0.026	1	0.026	1
0.027	1	81.2	1	0.67	0	0.06599	1	0.0285	1	0.0285	1
0.36	1	12.7	1	2.16	1	0.081	1	37.3	1	9.77	1
0.087	1	207	1	2.55	1	0.064	1	0.029	1	0.029	1
0.027	1	214	1	2.14	1	0.4	0	36.1	1	3.36	1
0.059	1	383	1	0.56	0	0.065	1	0.0275	1	0.0275	1
0.074	1	125	1	2.03	1	0.17	1				
0.43	0	639	1	0.67	1	0.013	1				
0.39	0	53.7	1	0.76999	1	0.31	1				
0.43	0	112	1	0.56999	0	0.43	0				
0.51	1	12	0	0.56999	0	0.14	1				
0.42	0	29.7	1	1.18	1	0.42	0				
0.065	1	26.3	1	0.62	0	0.059	1				
0.43	0	32.8	1	0.64999	0	0.43	0				
0.088	1	468	1	0.64999	0	0.036	1				
0.42	0	231	1	1.52	1	1.1	1				
0.39	0	29	1	0.62999	0	0.39	0				
0.41	0	132	1	0.66	0	0.41	0				
0.2	1	65.8	1	0.67	0	0.042	1				
0.04	1	115	1	0.62999	0	0.084	1				
0.052	1	169	1	0.66	0	0.85	1				
8.1	0	249	1	0.66	0	28	1				
0.39	0	265	1	0.67	0	0.39	0				
0.047	1	176	1	0.66	0	0.42	0				
0.096	1	559	1	0.61	0	0.4	0				
0.4	0	95.6	1	0.67	0	0.4	0				
0.42	0	239	1	0.62	0	0.42	0				
0.07	1	74.7	1	0.6	0	0.3	1				
0.42	0	122	1	0.69999	0	0.42	0				
0.39	0	218	1	0.62	0	0.39	0				
0.072	1	285	1	0.67	0	0.12	1				
4.1	0	91.1	1	0.62999	0	9.3	1				
10	0	26.6	1	0.68	0	18	1				
0.42	0	507	1	0.56999	0	10	0				
0.39	0	117	1	0.55	0	9.5	1				
0.233	1	299	1	0.56	0	0.42	0				
0.233	1	26.7	1	0.55	0	0.39	0				
0.233	1	86.6	1	1.44	1	21.4	1				
0.233	1	176	1	0.61	0	129	1				
0.233	1	28.4	1	0.64999	0	15.2	1				
0.233	1	13.3	0	0.66	0	37.9	1				
0.233	1	20.7	1	0.57999	0	6.68	1				
0.233	1	15.7	1	0.62999	0	0.233	1				
0.233	1	219	1	0.57999	0	0.233	1				
0.233	1	12.5	0	0.66	0	33.7	1				
0.233	1	44.9	1	0.61	0	2.02	1				
0.233	1	13.9	0	0.64999	0	0.699	1				
0.233	1	12.3	0	0.64999	0	0.233	1				
0.233	1	13.5	0	0.58999	0	0.233	1				
0.233	1	12.7	0	0.57999	0	0.233	1				
0.181	1	29.9	1	0.56	0	0.233	1				

0.233	1	37.3	1	0.57999	0	0.233	1
0.181	1	11.5	1	12.5	1	16.1	1
1.11	1	38.1	1	0.124	1	77.6	1
0.181	1	26	1	0.56999	0	16.3	1
0.181	1	19.9	1	0.75999	1	0.181	1
0.181	1	70.2	1	1.44	1	3.26	1
0.181	1	13.1	0	0.56	1	0.181	1
0.181	1	310	1	0.67	0	0.93	1
0.181	1	110	1	3.82	1	54	1
0.181	1	168	1	0.66	0	34.8	1
0.181	1	104	1	10.4	1	0.181	1
0.181	1	78.5	1	0.64999	0	0.181	1
0.181	1	428	1	9.92	1	0.181	1
0.181	1	38.9	1	2.86	1	1.08	1
0.181	1	20.3	1	0.62	0	0.181	1
0.181	1	98.7	1	0.55	0	0.652	1
0.181	1	134	1	17.2	1	0.181	1
0.181	1	418	1	0.69999	0	0.181	1
0.181	1	366	1	19.4	1	0.181	1
0.181	1	13	0	0.62999	0	0.181	1
0.181	1	9.4	1	0.68999	0	7.28	1
0.845	1	11.4	0	0.56	0	5.4	1
0.181	1	66	1	1.33	1	0.71299	1
0.233	1	368	1	14.1	1	0.906	1
0.181	1	48.2	1	0.95999	1	9.26	1
0.181	1	13.5	0	0.52999	0	88.5	1
0.17	1	145	1	0.56	0	0.181	1
0.165	1	13.1	0	0.56	0	0.181	1
0.17	1	116	1	0.99	1	3.01	1
0.185	1	14.3	1	1.6	1	0.165	1
0.175	1	281	1	1.3	1	19	1
0.19	1	34.4	1	0.58999	0	0.185	1
0.165	1	26.1	1	0.57999	0	33.2	1
0.175	1	19.2	1	0.6	0	16.5	1
0.155	1	116	1	0.66	0	0.165	1
0.17	1	13.9	0	3.41	1	1.68	1
0.18	1	541	1	0.5	1	0.155	1
0.175	1	12.6	0	9.03	1	0.17	1
1.645	1	20.5	1	5.18	1	21.6	1
0.165	1	44.6	1	2.13	1	0.175	1
		19.2	1	0.62	1	51.2	1
		74.7	1	5.43	1	0.165	1
		76.2	1	2.73	1		
		92.3	1	1.54	1		
		14.5	1	8.63	1		
		186	1	3.3	1		
		16.5	1	1.71	1		
		70.6	1	3.91	1		
		269	1	9.11	1		
		85.5	1	9.98	1		
		226	1	15.4	1		
		180	1	3.81	1		
		13.1	0	18.5	1		
		17.5	1	7.19	1		

13	0	15.4	1
12.8	0	6.27	1
299	1	3.96	1
996	1	2.78	1
3650	1	1.63	1
35.9	1	1.58	1
68.5	1	14.6	1
99.1	1	6.9	1
90.1	1	2.14	1
23.2	1	0.56999	0
153	1	0.6	0
20.3	1	1.23	1
111	1	0.58999	0
85.1	1	0.62999	0
167	1	12.6	1
66.2	1	1.61	1
159	1	0.64999	0
51.6	1	1.4	1
97.2	1	0.87999	1
501	1	0.57999	0
220	1	0.56	0
28.9	1	0.52999	0
76.6	1	0.56999	0
12	0	0.63999	1
197	1	1.37	1
105	1	3.6	1
52.4	1	0.72	1
11.5	0	2.33	1
21.7	1	1.1	1
40.3	1	0.55	0
11.8	0	0.70999	1
12.5	0	3.72	1
39.8	1	2.12	1
52	1	2.49	1
13.1	0	3.01	1
69.7	1	1.4	1
131	1	1.74	1
146	1	5.2	1
289	1	0.62	0
454	1	2.33	1
339	1	0.81	1
198	1	0.63999	0
51.3	1	0.61	0
173	1	0.58999	0
39.8	1	0.62	0
97.5	1	4.32	1
188	1	1.76	1
305	1	0.95999	1
217	1	0.8	1
101	1	0.027	1
62.6	1	0.37999	1
44.7	1	0.1	1
33.4	1	0.05	0
217	1	3.2	1

73.5	1	0.62999	1
215	1	9.2	1
12.3	0	1.6	1
40.2	1	0.46	1
40.2	1	1.2	1
95	1	2.9	1
32.7	1	0.75	1
11.8	0	0.00999	0
167	1	0.05999	1
54.6	1	3.3	1
51	1	1.4	1
104	1	0.36	1
124	1	0.03999	1
7.2	1	0.68999	1
18.6	1	0.07	1
25.1	1	0.41999	1
1.9	1	0.12999	1
119	1	0.49	1
116	1	0.14	1
128	1	3.9	1
116	1	0.38999	1
38.2	1	0.18999	1
65	1	0.07999	1
346	1	1.2	1
50	1	0.49	1
63.9	1	0.03999	1
6.6	1	0.07	1
122	1	0.1	1
23.7	1	0.07999	1
124	1	0.09	1
8.9	1	0.01999	1
93.4	1	0.05	0
5.8	1	0.34	1
185	1	3.2	1
17.4	1	0.21999	0
821	1	10	1
103	1	0.77999	1
931	1	0.302	1
148	1	0.966	1
63.8	1	0.388	1
20.6	1	0.388	1
393	1	0.388	1
703	1	0.388	1
92.9	1	0.388	1
98	1	0.388	1
63.6	1	0.388	1
74.3	1	0.388	1
67.3	1	1.63	1
60.5	1	0.388	1
190	1	0.388	1
17	1	0.388	1
16	1	3.26	1
43	1	0.388	1
28.3	1	0.388	1

15.3	1	0.302	1
175	1	1.3	1
26.6	1	0.302	1
3.88	1	0.302	1
3.88	1	0.302	1
536	1	0.302	1
17.4	1	0.302	1
334	1	0.302	1
3.88	1	0.302	1
3.88	1	0.302	1
3.88	1	0.302	1
143	1	0.302	1
11.3	1	0.302	1
3.88	1	0.302	1
3.88	1	0.302	1
10.7	1	0.302	1
3.88	1	0.302	1
3.88	1	0.302	1
3.02	1	0.302	1
3.88	1	0.302	1
3.02	1	0.302	1
37.2	1	0.85699	1
8.53	1	0.302	1
9.22	1	0.302	1
7.2	1	0.388	1
6.15	1	1.26	1
17.5	1	0.302	1
15	1	4.64	1
22.8	1	0.275	1
62	1	1.13	1
8.91	1	0.31	1
20.2	1	0.29	1
6.22	1	0.315	1
7.33	1	0.27	1
6.23	1	0.295	1
8.77	1	0.26	1
3.02	1	3.69	1
143	1	0.3	1
10	1	0.29	1
355	1	0.275	1
298	1	0.275	1
8.42	1		
120	1		
256	1		
144	1		
250	1		
40.1	1		
217	1		
61	1		
35.7	1		
195	1		
18.5	1		
12.3	1		
12.8	1		

51	1
356	1
187	1
16.8	1
2.935	1
119	1
228	1
2.915	1
234	1
95.9	1

1,2,4-Trimet	D_1,2,4-Trin	1-Methyl Nap	D_1-Methyl N	Aluminum	D_Aluminur	Antimony	D_Antimony	Aroclor-1254	D_Aroclor-125	Aroclor-1260	D_Aroclor-126	Aroclor-1268	D_Aroclor-126	Arsenic	D_Arsenic	Benzo(a)anth	D_Benzo(a)a
0.00011	0	26.9	1	2180	1	0.11999	1	0.0019	0	0.061	0	0.48	1	2.1	1	20	1
0.00011	0	0.34	0	2950	1	0.05	1	0.0017	0	0.029	0	0.2	1	0.34999	1	0.0083	1
0.00013	0	12.3	1	1840	1	0.05	1	0.0078	0	0.018	0	0.14	1	0.6	1	0.13	1
0.00012	0	6.99	1	3310	1	0.15	1	0.019	0	0.019	0	1.5	1	0.25999	1	0.058	1
0.00011	0	0.31999	0	2610	1	0.324	1	0.0019	0	0.034	0	0.35	1	0.18999	0	0.014	1
0.00011	0	0.31	0	4100	1	0.026	1	0.02	1	0.025	0	0.16	1	0.38999	1	0.0017	1
0.00013	0	4.93	1	1080	1	0.056	1	0.037	0	0.05	0	0.27	1	0.2	0	0.095	1
0.00013	0	0.37	0	2420	1	0.039	1	0.0019	0	0.057	0	0.46	1	0.23	0	0.00048	0
0.00011	0	0.33	0	1980	1	0.074	1	0.27	1	0.021	0	3.2	1	0.28	1	0.0011	1
0.00011	0	0.33	0	1310	1	0.03799	1	0.00209	0	0.00209	0	0.0036	1	0.23	0	0.0091	1
0.00016	1	0.36	0	2700	1	0.02999	1	0.3	1	0.055	0	52	1	0.2	0	0.014	1
0.00012	0	0.33	0	511	1	0.03999	1	0.00209	0	0.00209	0	0.0061	1	0.18	0	0.0015	1
0.00011	0	0.37999	0	4240	1	0.05	1	0.00209	0	0.00209	0	0.00209	0	0.44999	1	0.22	1
0.00011	0	1.71	1	3400	1	0.027	1	0.00469	1	0.00209	0	0.053	1	0.37999	1	0.00048	0
0.00011	0	7.1	1	3150	1	0.023	1	0.41	1	0.021	0	12	1	0.33	1	0.00069	1
0.00013	0	0.56	1	3270	1	0.037	1	0.00209	0	0.00209	0	0.02	1	0.4	1	0.00068	1
0.00013	0	2.01	1	2170	1	0.06199	1	0.057	1	0.012	0	1.1	1	2.84	1	0.00094	1
0.05	0	0.37999	0	462	1	0.04699	1	0.00209	0	0.00209	0	0.0075	1	2.5	0	0.041	1
0.07	0	0.31999	0	3680	1	0.056	1	0.00209	0	0.00209	0	0.00989	1	2.2	0	0.038	1
0.05999	0	0.31999	0	3070	1	0.04399	1	0.0032	1	0.00209	0	0.09	1	2.1	0	0.22	1
0.05999	0	0.31	0	6710	1	0.06499	1	0.021	1	0.00209	0	0.027	1	13.3	1	0.00209	1
0.05999	0	0.31999	0	24500	1	15	0	0.0043	1	0.00209	0	0.079	1	10	1	0.399	0
0.05999	0	0.31999	0	1790	1	13	0	0.15	0	0.087	0	1.2	1	2.53	0	0.399	0
0.05999	0	0.31999	0	2000	1	13	0	0.015	1	0.00209	0	1	1	0.52999	1	0.399	0
0.05999	0	0.31	0	2500	1	40	0	0.0036	1	0.00209	0	0.075	1	6	0	0.399	0
0.05999	0	0.31	0	3200	1	30	0	2.29	1	0.0399	0	9.06	1	2.5	1	1.2	0
0.05	0	0.31999	0	3000	1	15.2	0	1.14	1	0.0399	0	4.35	1	1.7	0	0.399	0
0.05999	0	0.31	0	2100	1	22	1	1.59	0	1.59	0	26.6	1	2	0	0.688	1
0.05999	0	0.31999	0	1600	1	1.1	0	0.145	1	0.0399	0	2.17	1	1.7	0	0.37	0
0.05	0	0.31999	0	1500	1	1.2	0	0.199	0	0.199	0	3.02	1	1.5	0	0.35	0
0.05999	0	0.3	0	1700	1	1.1	0	0.0399	0	0.0399	0	0.0202	0	1.8	0	1.1	0
1.03	1	0.3	0	1900	1	1.2	0	0.399	0	0.399	0	3.14	1	1.5	0	2.6	1
0.05999	1	0.3	0	4300	1	1.1	1	0.0399	0	0.0399	0	0.374	1	1.8	0	0.42	0
1.3	1	0.34	0	4800	1	1.3	0	0.0404	0	0.0404	0	0.0404	0	1.6	0	0.31999	0
0.10999	1	0.34999	0			1.1	0	0.0386	0	0.0386	0	0.0386	0	1.7	0	0.43	0
0.10999	1	0.37999	0			1.3	0	0.392	1	0.0392	0	0.404	1			0.34	0
0.05999	0	0.34999	0			2.5	1	0.0408	0	0.0408	0	0.433	1			0.33	0
0.05999	0	0.34	0			3.4	1	0.0394	0	0.0394	0	0.0394	0			0.36	0
0.05	0	0.36	0					0.945	1	0.0433	0	2.36	1			0.36	0
0.05	0	0.74	1					1.07	1	0.0811	0	3.07	1			0.37	0
0.05	0	0.34	0					0.0367	0	0.0367	0	0.133	1			0.37	0
0.05	0	0.31999	0					0.0379	0	0.0379	0	0.0379	0			0.34	0
0.05	0	0.37	0					0.0359	0	0.0359	0	0.0359	0			0.31	0
0.05	0	0.33	0					0.0405	0	0.0405	0	0.05409	1			0.31999	0
0.05	0	0.34	0					0.0415	0	0.0415	0	0.0855	1			0.34	0
0.05	0	0.34	0					0.0406	0	0.0406	0	0.0406	0			0.37	0
0.05	0	0.34999	0					0.0405	0	0.0405	0	0.0969	1			0.33	0
0.05	0	0.34999	0					0.0368	0	0.0368	0	0.0368	0			2.04	1
0.05	0	0.37	0					0.03629	0	0.03629	0	0.03629	0			5.81	0
0.05	0	0.34999	0					0.0345	0	0.0345	0	0.04179	1			0.34	0
0.05	0	0.37	0					0.0367	0	0.0367	0	0.0367	0			1.72	1
0.05	0	0.34	0					0.037	0	0.037	0	0.037	0			1.46	0
0.05	0	0.33	0					0.0366	0	0.0366	0	0.0565	1			1.27	1

0.05	0	0.36	0	0.0358	0	0.0358	0	0.0619	1	0.31	0
0.05999	0	0.38999	0	0.0374	0	0.0374	0	0.0374	0	1.46	0
0.05	0	0.31999	0	0.0351	0	0.0351	0	0.0351	0	0.37	0
0.05	0	0.36	0	0.0379	0	0.0379	0	0.0379	0	0.33	0
0.05999	0	0.34999	0	0.035	0	0.035	0	0.035	0	0.33	0
0.05999	0	0.38999	0	0.0357	0	0.0357	0	0.0357	0	0.36	1
0.05999	0	0.34	0	0.0361	0	0.0361	0	0.0361	0	0.33	0
0.05999	0	0.4	0	0.0395	0	0.0395	0	0.0395	0	0.37999	0
0.05999	0	0.37999	0	0.0405	0	0.0405	0	0.0405	0	0.74	0
0.05999	0	0.37999	0	0.0379	0	0.0379	0	0.0379	0	6.84	0
0.05999	0	0.33	0	0.07869	1	0.04	0	0.436	1	0.31999	0
0.05	0	0.36	0	0.0436	0	0.0436	0	0.555	1	0.70999	1
0.05999	0	0.38999	0	0.038	0	0.038	0	0.038	0	0.37999	0
0.05999	0	0.38999	0	0.04109	0	0.04109	0	9.09	1	0.31999	0
0.05999	0	0.34999	0	0.041	0	0.041	0	0.0807	1	0.31999	0
0.05999	0	0.34	0	0.163	0	0.163	0	2.1	1	0.31	0
0.05999	0	0.34999	0	0.11	0	0.11	0	0.11	0	0.31999	0
0.05999	0	1.78	1	0.11	0	0.11	0	0.2	1	0.31999	0
0.05999	0	0.33	0	0.11	0	0.11	0	0.11	0	0.31999	0
0.05999	0	0.37	0	0.082	0	0.082	0	0.067	1	0.31	0
0.05999	0	0.41999	1	0.043	0	0.043	0	0.018	1	0.31	0
0.05999	0	0.36	0	2.14	0	2.14	0	2.14	0	0.31999	0
0.05999	0	1.27	1	2.84	0	2.84	0	2.84	0	0.31	0
0.05999	0	0.34	0	2.27	0	2.27	0	2.27	0	0.31999	0
0.07	0	0.36	0	2.23	0	2.23	0	2.23	0	0.31999	0
0.05	0	0.36	0	2.4	0	2.4	0	2.4	0	0.3	0
0.05999	0	0.33	0	2.39	0	2.39	0	2.39	0	0.3	0
0.05999	0	0.37999	0	2.44	0	2.44	0	2.44	0	0.3	0
0.07	0	0.34	0	2.47	0	2.47	0	2.47	0	0.34	0
0.05999	0	0.34	0	2.27	0	2.27	0	2.27	0	0.34999	0
0.07	0	0.33	0	2.07	0	2.07	0	2.07	0	0.37999	0
0.05999	0	0.33	0	2.1	0	2.1	0	4.4	1	0.34999	0
0.05999	0	0.34999	0	2.13	0	2.13	0	3	1	0.34	0
0.2	1	2.64	1	2.23	0	2.23	0	2.23	0	0.36	0
3.2	1	0.40999	0	2.13	0	2.13	0	2.13	0	0.34	0
0.07	0	0.36	0	2.25	0	2.25	0	2.25	0	0.34	0
0.07	0	0.34	0	2.44	0	2.44	0	2.44	0	0.31999	0
0.09	1	0.64999	1	2.2	0	2.2	0	2.2	0	0.37	0
0.05999	0	0.34999	0	2.25	0	2.25	0	2.25	0	0.33	0
0.05999	0	0.51999	1	2.33	0	2.33	0	2.33	0	0.34	0
1.7	1	2.02	1	2.26	0	2.26	0	2.26	0	0.34	0
0.05999	0	0.34	0	2.56	0	2.56	0	2.56	0	0.34999	0
0.05999	0	0.34	0	2.33	0	2.33	0	2.33	0	0.34999	0
0.05999	0	0.34	0	2.12	0	2.12	0	2.12	0	0.37	0
0.05999	1	0.34999	0	2.07	0	2.07	0	2.07	0	0.34999	0
0.33	1	0.33	0	2.33	0	2.33	0	2.33	0	0.37	0
0.05999	0	0.36	0	2.44	0	2.44	0	2.44	0	0.34	0
0.05999	0	0.36	0	2.23	0	2.23	0	2.23	0	0.33	0
0.05999	0	4.98	1	2.43	0	2.43	0	2.43	0	0.36	0
0.05999	0	0.36	0	2.23	0	2.23	0	2.71	1	0.38999	0
0.05999	0	0.36	0	2.54	0	2.54	0	23	1	0.31999	0
0.05999	0	0.37999	0	2.48	0	2.48	0	2.48	0	0.36	0
0.05999	0	1.72	0	2.28	0	2.28	0	2.28	0	0.34999	0
0.05999	0	0.38999	0	2.12	0	2.12	0	2.12	0	0.38999	0

0.05999	0	0.37999	0	2.07	0	2.07	0	2.07	0	0.34	0
0.05999	0	0.36	0	2.53	0	2.53	0	240	1	0.4	0
0.37	1	0.37	0	2.11	0	2.11	0	2.11	0	0.37999	0
0.07	0	0.37	0	2.16	0	2.16	0	2.16	0	4.21	1
0.05999	0	0.57999	1	2.07	0	2.07	0	2.07	0	0.33	0
0.05999	0	0.36	0	2.14	0	2.14	0	2.14	0	0.36	0
0.05999	0	0.34	0	2.15	0	2.15	0	2.15	0	0.38999	0
0.12999	1	0.34	0	2.15	0	2.15	0	2.15	0	0.38999	0
0.18	1	0.31999	0	2.08	0	2.08	0	3.11	1	0.34999	0
0.11999	1	0.34	0	2.07	0	2.07	0	2.07	0	0.34	0
0.05999	0	0.36	0	2.11	0	2.11	0	2.11	0	0.34999	0
0.05999	0	0.34	0	2.08	0	2.08	0	2.08	0	0.34	0
0.05999	0	0.34999	0	2.13	0	2.13	0	2.13	0	0.33	0
0.05999	0	0.34999	0	2.12	0	2.12	0	2.12	0	0.37	0
0.05999	0	0.34	0	2.08	0	2.08	0	2.08	0	0.34	0
0.05999	0	0.33	0	2.11	0	2.11	0	2.11	0	0.36	0
0.05999	0	0.34	0	2.19	0	2.19	0	2.19	0	0.85	1
0.31	1	0.36	0	2.17	0	2.17	0	2.17	0	0.34	0
0.05999	0	0.34	0	2.57	0	2.57	0	2.57	0	0.36	0
0.05999	0	0.37	0	2.07	0	2.07	0	2.07	0	0.36	0
0.05999	0	0.37	0	2.15	0	2.15	0	2.15	0	0.33	0
0.5	1	0.4	0	2.29	0	2.29	0	2.29	0	0.37999	0
0.07	0	0.37	0	2.31	0	2.31	0	2.31	0	0.34	0
0.05999	0	0.31	0	2.54	0	2.54	0	2.54	0	0.34	0
0.05999	0	0.3	0	2.53	0	2.53	0	2.53	0	0.33	0
0.12999	1	0.31	0	2.56	0	2.56	0	2.56	0	0.33	0
0.05999	0	0.31	0	2.31	0	2.31	0	6.3	1	0.34999	0
0.09	1	0.38999	0	2.42	0	2.42	0	5.8	1	0.40999	1
0.05999	0	0.37999	0	2.27	0	2.27	0	2.27	0	0.40999	0
0.05999	0	0.33	0	2.41	0	2.41	0	2.41	0	0.36	0
0.05999	0	0.33	0	2.25	0	2.25	0	2.25	0	0.34	0
0.05	0			2.24	0	2.24	0	2.24	0	0.58999	1
0.05999	0			2.12	0	2.12	0	2.12	0	5.46	1
0.05999	0			2.44	0	2.44	0	2.44	0	4.1	1
0.05999	0			2.22	0	2.22	0	2.22	0	3.84	1
0.05999	0			2.27	0	2.27	0	2.27	0	0.34	0
0.05999	0			2.24	0	2.24	0	2.24	0	0.34	0
0.05999	0			2.3	0	2.3	0	2.3	0	0.34	0
0.05999	0			2.31	0	2.31	0	2.31	0	0.34999	0
0.05999	0			2.45	0	2.45	0	2.45	0	0.33	0
0.05999	0			2.31	0	2.31	0	2.31	0	0.36	0
0.05999	0			2.48	0	2.48	0	2.48	0	0.83999	1
0.05999	0			2.26	0	2.26	0	2.26	0	1.86	1
0.55	1			2.22	0	2.22	0	2.22	0	0.36	0
0.07	0			2.39	0	2.39	0	2.39	0	0.36	0
0.05999	0			2.62	0	2.62	0	2.62	0	0.37999	0
0.05	0			2.15	0	2.15	0	2.15	0	9.18	1
0.05	0			2.42	0	2.42	0	2.42	0	0.38999	0
0.05	0			2.34	0	2.34	0	2.34	0	0.37999	0
0.05	0			2.6	0	2.6	0	2.6	0	0.36	0
0.07	0			2.24	0	2.24	0	2.24	0	0.75999	1
0.05999	0			2.67	0	2.67	0	2.67	0	0.37	0
0.05999	0			2.28	0	2.28	0	2.28	0	0.44999	1
0.05	0			2.33	0	2.33	0	2.33	0	0.99	1

0.039	1	2.59	0	2.59	0	2.59	0	0.34	0
0.039	1	2.54	0	2.54	0	2.54	0	0.34	0
0.039	1	2.4	0	2.4	0	2.9	1	0.31999	0
0.039	1	2.18	0	2.18	0	2.18	0	0.34	0
0.039	1	3.3	1	2.4	0	2.4	0	0.36	0
0.039	1	2.55	0	2.55	0	2.55	0	0.34	0
0.039	1	2.35	0	2.35	0	2.35	0	0.34999	0
0.039	1	2.57	0	2.57	0	2.57	0	0.34999	0
0.039	1	2.56	0	2.56	0	1.95	1	0.34	0
0.039	1	2.38	0	2.38	0	6	1	0.33	0
0.03	1	12	0	12	0	34	1	0.34	0
0.03	1	2.41	0	2.41	0	2.41	0	0.36	0
0.034	1	2.36	0	2.36	0	12	1	0.34	0
0.03	1	2.4	0	2.4	0	7.2	1	0.37	0
0.034	1	2.38	0	2.38	0	2.38	0	0.37	0
0.03	1	2.55	0	2.55	0	2.55	0	0.4	0
0.03	1	2.33	0	2.33	0	2.33	0	0.37	0
0.039	1	2.25	0	2.25	0	2.25	0	0.31	0
0.03	1	2.38	0	2.38	0	2.5	1	0.3	0
0.03	1	2.49	0	2.49	0	2.49	0	0.31	0
0.03	1	2.35	0	2.35	0	2.35	0	0.31	0
0.03	1	2.34	0	2.34	0	2.34	0	0.38999	0
0.03	1	2.33	0	2.33	0	2.33	0	0.37999	0
0.03	1	2.53	0	2.53	0	2.53	0	0.33	0
0.03	1	2.4	0	2.4	0	2.4	0	0.33	0
0.03	1	2.21	0	2.21	0	12	1	0.41	0
0.03	1	2.4	0	2.4	0	2.4	0	6.8	0
0.03	1	2.36	0	2.36	0	2.36	0	0.35	0
0.03	1	2.6	0	2.6	0	2.6	0	0.4	0
0.03	1	2.35	0	2.35	0	2.35	0	0.35	0
0.03	1	3.2	1	2.34	0	3.1	1	0.41	0
0.03	1	2.22	0	2.22	0	23	1	0.41	0
0.03	1	2.3	0	2.3	0	2.3	0	0.35	0
0.03	1	2.35	0	2.35	0	2.35	0	0.41	0
0.03	1	2.6	0	2.6	0	2.6	0	0.23	1
0.03	1	2.62	0	2.62	0	2.62	0	0.12	1
0.03	1	2.65	0	2.65	0	2.65	0	0.20445	1
0.03	1	2.28	0	2.28	0	5.7	1	0.233	1
0.03	1	2.35	0	2.35	0	2.35	0	0.233	1
0.03	1	2.34	0	2.34	0	2.34	0	0.233	1
0.03	1	2.28	0	2.28	0	2.28	0	0.233	1
0.03	1	2.24	0	2.24	0	2.24	0	0.233	1
0.03	1	2.13	0	2.13	0	2.13	0	0.233	1
0.03	1	2.43	0	2.43	0	2.43	0	0.233	1
0.039	1	2.31	0	2.31	0	2.31	0	1.69	1
0.03	1	2.25	0	2.25	0	2.25	0	0.233	1
0.039	1	2.35	0	2.35	0	2.35	0	0.233	1
0.03	1	2.39	0	2.39	0	2.39	0	0.181	1
0.039	1	2.22	0	2.22	0	2.22	0	0.181	1
0.029	1	2.48	0	2.48	0	2.48	0	0.2045	1
0.03	1	2.28	0	2.28	0	2.28	0	7.73	1
0.061	1	2.7	1	2.39	0	6.2	1	0.2045	1
0.055	1	2.32	0	2.32	0	2.32	0	0.181	1
0.061	1	2.25	0	2.25	0	2.25	0	0.181	1

0.0285	1	2.39	0	2.39	0	2.39	0	10.4	1
0.056	1	2.38	0	2.38	0	2.38	0	0.181	1
0.056	1	2.23	0	2.23	0	2.23	0	0.181	1
0.0575	1	2.55	0	2.55	0	2.55	0	0.181	1
0.0575	1	2.3	0	2.3	0	2.3	0	0.181	1
0.058	1	2.25	0	2.25	0	2.25	0	0.181	1
3.13	1	2.2	0	2.2	0	2.2	0	0.181	1
1.37	1	2.22	0	2.22	0	3.1	1	0.181	1
0.031	1	2.35	0	2.35	0	2.4	1	0.181	1
0.0565	1	2.33	0	2.33	0	2.33	0	1.29	1
0.033	1	2.44	0	2.44	0	2.44	0	0.181	1
0.03	1	2.72	0	2.72	0	2.7	1	0.181	1
0.0485	1	2.38	0	2.38	0	2.38	0	0.181	1
0.063	1	2.43	0	2.43	0	2.43	0	0.181	1
0.072	1	2.27	0	2.27	0	2.27	0	0.181	1
0.0625	1	2.6	0	2.6	0	2.6	0	0.181	1
0.072	1	2.54	0	2.54	0	2.54	0	0.181	1
0.08	1	2.27	0	2.27	0	2.27	0	0.181	1
0.0565	1	2.38	0	2.38	0	2.38	0	0.181	1
0.059	1	2.33	0	2.33	0	2.33	0	0.181	1
0.077	1	2.29	0	2.29	0	2.29	0	0.181	1
0.076	1	2.27	0	2.27	0	2.27	0	0.181	1
0.34	1	2.27	0	2.27	0	7.9	1	0.181	1
0.077	1	2.29	0	2.29	0	2.6	1	0.181	1
0.0695	1	2.25	0	2.25	0	2.25	0	0.181	1
0.024	1	2.3	0	2.3	0	2.3	0	0.181	1
0.022	1	2.31	0	2.31	0	2.3	1	0.181	1
0.014	1	2.22	0	2.22	0	2.22	0	0.181	1
0.0115	1	2.43	0	2.43	0	2.43	0	0.181	1
0.011	1	2.41	0	2.41	0	2.41	0	0.233	1
0.0115	1	2.43	0	2.43	0	2.43	0	0.181	1
0.012	1	2.41	0	2.41	0	2.41	0	0.233	1
0.0105	1	2.38	0	2.38	0	2.38	0	0.181	1
0.0115	1	2.54	0	2.54	0	2.54	0	0.233	1
0.0105	1	2.3	0	2.3	0	2.3	0	0.175	1
0.0105	1	2.61	0	2.61	0	2.61	0	0.1785	1
0.0105	1	2.51	0	2.51	0	2.51	0	0.366	1
0.011	1	2.43	0	2.43	0	2.43	0	0.3305	1
0.031	1	2.47	0	2.47	0	2.47	0	0.365	1
0.011	1	2.49	0	2.49	0	2.49	0	0.1715	1
0.011	1	2.6	0	2.6	0	2.6	0	1.61	1
0.011	1	2.41	0	2.41	0	2.41	0	0.335	1
0.012	1	2.3	0	2.3	0	2.3	0	0.344	1
0.023	1	2.3	0	2.3	0	2.3	0	1.15	1
0.011	1	2.16	0	2.16	0	2.16	0	0.349	1
0.011	1	2.28	0	2.28	0	2.28	0	0.345	1
0.011	1	2.43	0	2.43	0	2.43	0	0.354	1
0.012	1	2.27	0	2.27	0	2.27	0	0.185	1
0.011	1	2.33	0	2.33	0	2.33	0	0.3395	1
0.011	1	2.35	0	2.35	0	2.35	0	0.67	1
0.011	1	2.28	0	2.28	0	5.9	1	0.18	1
0.012	1	2.21	0	2.21	0	2.21	0	0.91	1
0.013	1	2.27	0	2.27	0	2.8	1	3.13	1
0.011	1	2	0	2	0	10	1	0.431	1

0.0115	1	2.35	0	2.35	0	2.35	0	0.374	1
0.0115	1	2.06	0	2.06	0	2.3	1	0.4325	1
0.011	1	2.23	0	2.23	0	3.3	1	0.479	1
0.011	1	2.44	0	2.44	0	2.44	0	0.3385	1
0.0115	1	2.5	0	2.5	0	2.5	0	0.3545	1
0.012	1	2.64	0	2.64	0	2.64	0	0.4615	1
0.0105	1	2.49	0	2.49	0	2.49	0	0.4545	1
0.011	1	2.12	0	2.12	0	2.12	0	0.3925	1
0.011	1	2.07	0	2.07	0	2.07	0	0.463	1
0.012	1	2.07	0	2.07	0	2.07	0	0.4155	1
0.023	1	2.09	0	2.09	0	2.09	0	0.359	1
0.0265	1	2.04	0	2.04	0	2.04	0	0.328	1
0.011	1	2.02	0	2.02	0	2.02	0	0.2135	1
0.0125	1	2.11	0	2.11	0	2.7	1	0.169	1
0.012	1	2.08	0	2.08	0	2.08	0	0.165	1
0.0115	1	2.07	0	2.07	0	2.07	0	0.1695	1
0.0125	1	2.06	0	2.06	0	2.06	0	0.177	1
0.012	1	2.06	0	2.06	0	2.06	0	0.156	1
0.0135	1	2.09	0	2.09	0	2.09	0	0.174	1
0.01	1	2.59	0	2.59	0	2.59	0	0.158	1
0.012	1	2.56	0	2.56	0	2.56	0	0.159	1
0.012	1	2.19	0	2.19	0	2.19	0	0.1605	1
0.0125	1	2.17	0	2.17	0	2.17	0	0.162	1
0.0115	1	2.05	0	2.05	0	2.05	0	0.4675	1
0.012	1	0.034	0	0.034	0	0.37	1	0.168	1
0.012	1	0.39	0	0.39	0	3.2	1	0.1645	1
0.012	1	0.035	0	0.035	0	0.035	0	0.1665	1
0.0115	1	0.038	0	0.038	0	0.038	0	0.182	1
0.0305	1	0.035	0	0.035	0	0.035	0	0.3455	1
0.0305	1	0.035	0	0.035	0	0.23	1	0.1625	1
0.03799	1	0.18	0	0.18	0	1.5	1	0.1635	1
0.0125	1	0.038	0	0.038	0	0.28	1	0.167	1
0.046	1	0.038	0	0.038	0	0.1	1	0.1775	1
0.0125	1	0.36	0	0.36	0	2.6	1	0.1625	1
0.223	1	2.31	0	2.31	0	2.31	0	0.162	1
0.0125	1	2.28	0	2.28	0	2.28	0	0.1675	1
0.0115	1	2.35	0	2.35	0	2.35	0	0.1795	1
0.012	1	2.29	0	2.29	0	2.29	0	0.194	1
0.0115	1	2.32	0	2.32	0	2.32	0	0.1665	1
0.0115	1	2.35	0	2.35	0	2.35	0	0.173	1
0.014	1	2.49	0	2.49	0	2.49	0	0.1745	1
0.013	1	3.36	0	3.36	0	3.36	0	0.163	1
0.013	1	2.67	0	2.67	0	2.67	0	0.1655	1
0.03299	1	2.51	0	2.51	0	2.51	0	0.171	1
0.0115	1	2.22	0	2.22	0	2.22	0	0.182	1
0.0115	1	2.01	0	2.01	0	1.37	1	0.159	1
0.013	1	2.01	0	2.01	0	1.76	1	0.162	1
0.0105	1	2.01	0	2.01	0	9.51	1	0.163	1
0.011	1	2.02	0	2.02	0	1.7	1	0.182	1
0.0105	1	2.01	0	2.01	0	2.01	0	12.4	1
0.011	1	2.17	0	2.17	0	2.17	0	0.396	1
0.0105	1	2.15	0	2.15	0	2.15	0	0.1685	1
0.011	1	2.18	0	2.18	0	2.18	0	0.1545	1
0.011	1	2.19	0	2.19	0	2.19	0	0.185	1

0.011	1	2.21	0	2.21	0	2.21	0	0.19	1
0.0145	1	2.27	0	2.27	0	4.29	1	0.182	1
0.0115	1	2.77	0	2.77	0	10.9	1	0.171	1
0.0115	1	2.39	0	2.39	0	2.72	1	0.187	1
0.012	1	2.29	0	2.29	0	2.29	0	0.1835	1
0.0295	1	2.36	0	2.36	0	2.36	0	0.206	1
0.0315	1	3	0	3	0	16.4	1	0.1535	1
0.028	1	3	0	3	0	53.2	1	0.183	1
0.029	1	2.24	0	2.24	0	2.24	0	0.177	1
0.0285	1	0.018	0	0.018	0	0.9	1	0.189	1
0.0335	1	0.017	0	0.017	0	0.017	0	0.87999	1
0.0285	1	0.018	0	0.018	0	0.034	1	0.177	1
0.13799	1	0.02	0	0.02	0	0.043	1	0.18	1
0.028	1	0.017	0	0.017	0	0.095	1	0.1765	1
0.027	1	0.017	0	0.017	0	0.18	1	0.1735	1
0.15299	1	0.017	0	0.017	0	0.23	1	0.182	1
0.0265	1	0.017	0	0.017	0	0.45	1	0.183	1
0.11999	1	0.017	0	0.017	0	0.9	1	0.189	1
0.027	1	0.0071	1	0.042	0	0.042	0	0.1895	1
0.028	1	0.27	0	0.27	0	12	1	0.1875	1
0.26199	1	0.82999	0	0.82999	0	0.15999	1	0.184	1
0.03	1	0.035	0	0.035	0	10	1	0.188	1
0.0315	1	0.04	0	0.04	0	0.18099	1	0.186	1
0.027	1	0.035	0	0.035	0	0.0605	1	0.1715	1
0.0275	1	0.041	0	0.041	0	0.0605	1	0.178	1
0.029	1	0.036	0	0.036	0	1.21	1	0.1705	1
0.028	1	0.041	0	0.041	0	0.0605	1	0.1695	1
0.0285	1	0.035	0	0.035	0	0.0605	1	0.2095	1
0.028	1	0.041	0	0.041	0	0.0605	1	0.194	1
0.0285	1	6.9	1	160	1	0.0605	1	0.194	1
0.028	1	9.2	1	120.00001	1	0.605	1	0.2005	1
0.028	1	0.0605	1	0.0605	1	0.605	1	0.175	1
0.0285	1	0.0605	1	0.0605	1	0.0605	1	0.1695	1
0.0285	1	0.0605	1	0.0605	1	0.0605	1	14.8	1
0.0275	1	1.21	1	1.21	1	0.0605	1	0.158	1
0.0275	1	0.0605	1	0.0605	1	0.0605	1	0.165	1
0.032	1	0.0605	1	0.0605	1	0.0605	1	0.158	1
0.0315	1	0.0605	1	0.0605	1	0.0605	1	0.1625	1
0.0325	1	0.0605	1	0.0605	1	0.0605	1	0.1575	1
0.027	1	0.605	1	0.605	1	0.0605	1	0.1625	1
0.027	1	0.605	1	0.605	1	1.21	1	0.1625	1
0.0295	1	0.0605	1	0.0605	1	1.21	1	0.1655	1
0.027	1	0.0605	1	0.0605	1	4.57	1	0.2145	1
0.0275	1	0.0605	1	0.0605	1	1.21	1	0.1715	1
0.027	1	0.0605	1	0.0605	1	1.21	1	0.1695	1
0.0285	1	0.0605	1	0.0605	1	1.21	1	0.1775	1
0.027	1	0.0605	1	0.0605	1	0.18099	1	0.1755	1
0.027	1	0.0605	1	0.0605	1	0.0605	1	0.1885	1
0.0265	1	0.0605	1	0.0605	1	0.229	1	0.169	1
0.0265	1	1.21	1	1.21	1	1.21	1	0.1745	1
0.0275	1	1.21	1	1.21	1	0.0605	1	0.172	1
0.0265	1	1.21	1	1.21	1	1.21	1	0.1995	1
0.027	1	1.21	1	1.21	1	1.21	1	0.1715	1
0.027	1	1.21	1	1.21	1	1.21	1	1.34	1

0.027	1	1.21	1	1.21	1	1.21	1	0.40999	1
0.03	1	0.0605	1	0.0605	1	1.21	1	0.161	1
0.0305	1	0.0605	1	0.0605	1	1.21	1	0.167	1
0.03	1	0.0605	1	0.0605	1	0.229	1	0.158	1
0.03	1	1.21	1	1.21	1	0.39899	1	0.1945	1
0.03	1	0.0605	1	0.0605	1	0.0605	1	0.162	1
0.0285	1	6.76	1	1.21	1	0.423	1	0.167	1
0.0275	1	1.21	1	1.21	1	1.21	1	17.6	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.37	1
0.0305	1	1.21	1	1.21	1	1.21	1	1.01	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.161	1
0.027	1	1.21	1	1.21	1	1.21	1	0.1635	1
0.384	1	0.0605	1	0.0605	1	45.8	1	0.1735	1
0.0275	1	0.0605	1	0.0605	1	1.21	1	0.49	1
1.95	1	0.0605	1	0.0605	1	1.21	1	0.171	1
0.03	1	0.0605	1	0.0605	1	1.21	1	0.1665	1
0.0305	1	1.21	1	1.21	1	1.21	1	0.17	1
0.0295	1	1.21	1	1.21	1	1.21	1	0.93999	1
0.029	1	1.21	1	1.21	1	1.21	1	0.1675	1
0.029	1	1.21	1	1.21	1	1.21	1	1.83	1
0.029	1	1.21	1	1.21	1	1.21	1	0.37999	1
0.029	1	1.21	1	1.21	1	1.21	1	2.72	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.6	1
0.25	1	1.21	1	1.21	1	1.21	1	0.1925	1
0.0305	1	1.21	1	1.21	1	3.14	1	0.189	1
0.0305	1	1.21	1	1.21	1	1.21	1	0.195	1
0.029	1	1.21	1	1.21	1	14.3	1	0.1615	1
0.029	1	1.21	1	1.21	1	1.21	1	0.162	1
0.03	1	1.21	1	1.21	1	1.21	1	0.41999	1
0.0305	1	1.21	1	1.21	1	1.21	1	0.1605	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.1635	1
0.03	1	1.21	1	1.21	1	1.21	1	0.161	1
0.03	1	1.21	1	1.21	1	4.59	1	0.1725	1
0.143	1	1.21	1	1.21	1	4.11	1	0.163	1
0.028	1	1.21	1	1.21	1	1.21	1	0.163	1
0.031	1	1.21	1	1.21	1	1.21	1	0.1595	1
0.028	1	1.21	1	1.21	1	1.21	1	0.1575	1
0.111	1	1.21	1	1.21	1	1.21	1	0.1655	1
0.031	1	1.21	1	1.21	1	1.21	1	0.16	1
0.10499	1	1.21	1	1.21	1	1.21	1	0.163	1
0.0275	1	1.21	1	1.21	1	1.21	1	0.1625	1
0.0285	1	1.21	1	1.21	1	3.62	1	0.162	1
0.0315	1	1.21	1	1.21	1	14.3	1	0.181	1
0.028	1	1.21	1	1.21	1	29.5	1	2.63	1
0.0295	1	1.21	1	1.21	1	107	1	1.81	1
0.0295	1	1.21	1	1.21	1	1.21	1	0.172	1
0.029	1	1.21	1	1.21	1	1.21	1	0.1655	1
0.029	1	1.21	1	1.21	1	1.21	1	3.4405	1
0.028	1	1.21	1	1.21	1	1.21	1	3.641	1
0.028	1	1.21	1	1.21	1	1.21	1	1.79	1
0.72399	1	1.21	1	1.21	1	1.21	1	3.6	1
0.0265	1	1.21	1	1.21	1	1.21	1	0.172	1
0.34	1	1.21	1	1.21	1	1.21	1	0.165	1
0.03	1	1.21	1	1.21	1	1.21	1	82.6	1

0.027	1	1.21	1	1.21	1	3.26	1	0.18	1
2.06	1	1.21	1	1.21	1	1.21	1	0.18	1
0.0255	1	1.21	1	1.21	1	1.21	1	0.175	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.74	1
0.029	1	1.21	1	1.21	1	6.16	1	0.175	1
0.029	1	1.21	1	1.21	1	3.38	1	0.38999	1
0.026	1	1.21	1	1.21	1	1.21	1	1.14	1
0.0255	1	1.21	1	1.21	1	1.21	1	0.17	1
0.0265	1	1.21	1	1.21	1	57.246	1	0.18	1
0.0255	1	1.21	1	12.6	1	1.2075	1	0.18	1
0.025	1	1.21	1	1.21	1	24.155	1	0.18	1
0.0255	1	1.21	1	1.21	1	20.531	1	0.175	1
0.03	1	1.21	1	5.07	1	1.2075	1	0.175	1
0.0285	1	1.21	1	1.21	1	57.246	1	0.18	1
0.026	1	1.21	1	1.21	1	1.2075	1	0.18	1
0.23	1	1.21	1	1.21	1	1.21	1	2.75	1
0.1515	1	1.21	1	1.21	1	1.21	1	0.18	1
1.76	1	1.2075	1	16.425	1	1.21	1	0.18	1
0.027	1	1.2075	1	1.2075	1	1.21	1	1.25	1
0.0275	1	1.2075	1	17.391	1	3.02	1	0.17	1
0.026	1	1.2075	1	7.367	1	1.21	1	0.185	1
0.027	1	1.2075	1	1.2075	1	21.5	1	0.17	1
0.0255	1	1.2075	1	166.66701	1	1.21	1	0.355	1
0.0275	1	1.2075	1	1.2075	1	12.1	1	0.37	1
0.0275	1	1.21	1	1.21	1	95.7	1	0.18	1
0.0275	1	1.21	1	1.21	1	2.51	1	5.2	1
0.0265	1	1.21	1	1.21	1	42	1	5.3	1
0.028	1	1.21	1	1.21	1	23.1	1	1.41	1
0.0275	1	1.21	1	1.21	1	42.5	1	3.23	1
0.0275	1	1.21	1	1.21	1	1.21	1	0.18	1
0.0265	1	1.21	1	1.21	1	1.2075	1	0.18	1
0.027	1	1.21	1	1.21	1	2.657	1	4.3	1
0.026	1	12.2	1	10.5	1	43.72	1	0.175	1
0.027	1	1.21	1	1.21	1	1.363	1	3.97	1
0.0275	1	1.21	1	1.21	1	33.8	1	0.34999	1
		1.21	1	1.21	1	1.21	1	0.18	1
		1.21	1	1.21	1	3.65	1	0.16	1
		1.21	1	1.21	1	1.21	1	0.175	1
		1.21	1	1.21	1	1.555	1	0.18	1
		1.2075	1	1.2075	1	1.555	1	0.16	1
		1.2075	1	1.2075	1	1.555	1	3.17	1
		1.2075	1	1.2075	1	1.555	1	0.155	1
		1.363	1	1.363	1	1.555	1	0.17	1
		109	1	785	1	1.555	1	0.175	1
		1.21	1	1.21	1	1.555	1	0.175	1
		1.365	1	1.365	1	1.555	1	0.155	1
		1.21	1	1.21	1	1.555	1	0.155	1
		1.555	1	1.555	1	11.7	1	0.16	1
		1.555	1	1.555	1	1.21	1	3.035	1
		1.555	1	1.555	1	1.21	1	3.025	1
		1.555	1	1.555	1	1.365	1	3.07	1
		1.555	1	1.555	1	1.21	1	0.18	1
		1.555	1	1.555	1	1.365	1	3.395	1
		1.555	1	1.555	1	1.21	1	0.16	1

1.555	1	1.555	1	1.21	1	0.17	1
1.555	1	1.555	1	22.2	1	3.45	1
1.555	1	1.555	1	1.21	1	10.5	1
1.21	1	1.21	1	1.21	1	0.16	1
1.21	1	1.21	1	1.21	1	0.165	1
1.365	1	1.365	1	1.21	1	1.56	1
1.21	1	1.21	1	1.21	1	0.16	1
1.365	1	1.365	1	1.21	1	0.155	1
1.21	1	1.21	1	1.21	1	0.165	1
1.21	1	1.21	1	1.21	1	0.165	1
1.555	1	1.555	1	1.21	1	0.165	1
1.21	1	1.21	1	1.21	1	0.16	1
1.21	1	1.21	1	1.21	1	1.665	1
1.21	1	1.21	1	1.21	1	0.165	1
1.21	1	1.21	1	1.21	1	0.165	1
1.21	1	1.21	1	1.21	1	0.16	1
1.21	1	1.21	1	1.21	1	0.165	1
1.21	1	1.21	1	1.21	1	0.155	1
1.21	1	1.21	1	1.21	1	0.16	1
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.555	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.555	1		
1.21	1	1.21	1	1.21	1		
1.21	1	1.21	1	1.555	1		
1.21	1	1.21	1	2.52	1		
1.21	1	1.21	1	6.43	1		
1.21	1	1.21	1	10.4	1		
1.21	1	1.21	1	20.2	1		
1.555	1	1.555	1	2.435	1		
1.21	1	1.21	1	3.38	1		
1.555	1	1.555	1	2.235	1		
1.21	1	1.21	1	2.23	1		
1.555	1	1.555	1	2.295	1		
1.165	1	1.165	1	2.31	1		
1.19	1	1.19	1	2.325	1		
2.44	1	2.44	1	2.3	1		
2.205	1	2.205	1	2.36	1		
2.435	1	2.435	1	15.4	1		
1.145	1	1.145	1	2.265	1		
2.235	1	2.235	1	1.32	1		
2.23	1	2.23	1	3.26	1		
2.295	1	2.295	1	1.94	1		
2.31	1	2.31	1	2.525	1		

2.325	1	2.325	1	2.875	1
2.3	1	2.3	1	2.495	1
2.36	1	2.36	1	2.88	1
1.235	1	1.235	1	3.195	1
2.265	1	2.265	1	2.26	1
1.32	1	1.32	1	2.365	1
1.2	1	1.2	1	3.075	1
1.94	1	1.94	1	3.03	1
2.525	1	2.525	1	2.62	1
2.875	1	2.875	1	3.085	1
2.495	1	2.495	1	6.43	1
2.88	1	2.88	1	2.395	1
3.195	1	3.195	1	2.19	1
2.26	1	2.26	1	1.425	1
2.365	1	2.365	1	1.125	1
3.075	1	3.075	1	1.1	1
3.03	1	3.03	1	1.13	1
2.62	1	2.62	1	1.18	1
3.085	1	3.085	1	1.04	1
2.77	1	2.77	1	1.16	1
2.395	1	2.395	1	1.055	1
2.19	1	2.19	1	1.06	1
1.425	1	1.425	1	1.07	1
1.125	1	1.125	1	1.08	1
1.1	1	1.1	1	3.115	1
1.13	1	1.13	1	1.12	1
1.18	1	1.18	1	1.1	1
1.04	1	1.04	1	1.11	1
1.16	1	1.16	1	1.215	1
1.055	1	1.055	1	2.305	1
1.06	1	1.06	1	1.085	1
1.07	1	1.07	1	1.09	1
1.08	1	1.08	1	1.115	1
3.115	1	3.115	1	1.185	1
1.12	1	1.12	1	1.085	1
1.1	1	1.1	1	1.08	1
1.11	1	1.11	1	1.115	1
1.215	1	1.215	1	1.195	1
2.305	1	2.305	1	1.295	1
1.085	1	1.085	1	1.11	1
1.09	1	1.09	1	1.152	1
1.115	1	1.115	1	1.164	1
1.185	1	1.185	1	1.087	1
1.085	1	1.085	1	1.1025	1
1.08	1	1.08	1	1.1405	1
1.115	1	1.115	1	1.2135	1
1.195	1	1.195	1	1.0605	1
1.295	1	1.295	1	1.081	1
1.11	1	1.11	1	1.088	1
1.152	1	1.152	1	1.212	1
1.164	1	1.164	1	12.5	1
1.087	1	1.087	1	2.64	1
1.1025	1	1.1025	1	1.1225	1
1.1405	1	1.1405	1	1.031	1

1.2135	1	1.2135	1	1.233	1
1.0605	1	1.0605	1	1.2675	1
1.081	1	1.081	1	1.212	1
1.088	1	1.088	1	1.139	1
1.212	1	1.212	1	1.247	1
2.305	1	2.305	1	1.224	1
2.64	1	2.64	1	1.3735	1
1.1225	1	1.1225	1	1.0225	1
1.031	1	1.031	1	1.221	1
1.233	1	1.233	1	1.179	1
1.2675	1	1.2675	1	1.261	1
1.212	1	1.212	1	2.94	1
1.139	1	1.139	1	1.179	1
1.247	1	1.247	1	1.2005	1
1.224	1	1.224	1	1.178	1
1.3735	1	1.3735	1	1.1575	1
1.0225	1	1.0225	1	1.212	1
1.221	1	1.221	1	1.2195	1
1.179	1	1.179	1	1.261	1
1.261	1	4.44	1	1.264	1
1.13	1	6.69	1	1.2515	1
1.179	1	1.179	1	1.2255	1
1.2005	1	1.2005	1	1.253	1
1.178	1	1.178	1	1.2405	1
1.1575	1	1.1575	1	5.9	1
1.212	1	1.212	1	1.186	1
1.2195	1	1.2195	1	1.1375	1
1.261	1	1.261	1	1.1285	1
1.264	1	1.264	1	1.3965	1
1.2515	1	1.2515	1	1.292	1
1.2255	1	1.2255	1	1.2935	1
1.253	1	1.253	1	1.335	1
1.2405	1	1.2405	1	1.168	1
1.144	1	1.144	1	1.13	1
1.186	1	1.186	1	1.323	1
1.1375	1	1.1375	1	1.0525	1
1.1285	1	1.1285	1	1.1	1
1.3965	1	1.3965	1	1.055	1
1.292	1	1.292	1	1.0825	1
1.2935	1	1.2935	1	1.0515	1
1.335	1	1.335	1	1.0845	1
1.168	1	1.168	1	1.0845	1
1.13	1	1.13	1	1.1025	1
1.323	1	1.323	1	1.4305	1
1.0525	1	1.0525	1	1.144	1
1.1	1	1.1	1	1.1285	1
1.055	1	1.055	1	1.185	1
1.0825	1	1.0825	1	1.171	1
1.0515	1	1.0515	1	1.258	1
1.0845	1	1.0845	1	1.1275	1
1.0845	1	1.0845	1	13.3	1
1.1025	1	1.1025	1	1.147	1
1.4305	1	1.4305	1	1.3315	1
1.144	1	1.144	1	1.144	1

1.1285	1	1.1285	1	2.0285	1
1.185	1	1.185	1	5.64	1
1.171	1	1.171	1	1.073	1
1.258	1	1.258	1	1.115	1
1.1275	1	1.1275	1	1.055	1
1.163	1	1.163	1	1.2955	1
1.147	1	1.147	1	1.081	1
1.3315	1	1.3315	1	1.1135	1
1.144	1	1.144	1	17.5	1
2.0285	1	2.0285	1	1.209	1
1.12	1	1.12	1	1.2625	1
1.073	1	1.073	1	1.072	1
1.115	1	1.115	1	1.0905	1
1.055	1	1.055	1	1.1575	1
1.2955	1	1.2955	1	1.1135	1
1.081	1	1.081	1	1.1405	1
1.1135	1	1.1135	1	1.111	1
1.2005	1	1.2005	1	1.1325	1
1.209	1	1.209	1	1.1235	1
1.2625	1	1.2625	1	1.1175	1
1.072	1	1.072	1	1.143	1
1.0905	1	1.0905	1	1.139	1
1.1575	1	1.1575	1	1.094	1
1.1135	1	1.1135	1	1.0915	1
1.1405	1	1.1405	1	2.5675	1
1.111	1	1.111	1	2.522	1
1.1325	1	1.1325	1	2.601	1
1.1235	1	1.1235	1	2.153	1
1.1175	1	1.1175	1	2.1575	1
1.143	1	1.143	1	2.353	1
1.139	1	1.139	1	2.1415	1
1.094	1	1.094	1	2.181	1
1.0915	1	1.0915	1	2.1435	1
2.5675	1	2.5675	1	2.299	1
2.522	1	2.522	1	2.1765	1
2.601	1	2.601	1	2.174	1
2.153	1	2.153	1	2.13	1
2.1575	1	2.1575	1	2.103	1
2.353	1	2.353	1	2.2075	1
2.1415	1	2.1415	1	1.066	1
2.181	1	2.181	1	1.086	1
2.1435	1	2.1435	1	1.0825	1
2.299	1	2.299	1	1.0785	1
2.1765	1	2.1765	1	1.2005	1
2.174	1	2.174	1	1.227	1
2.13	1	2.13	1	10.1	1
2.103	1	2.103	1	2.77	1
2.2075	1	2.2075	1	1.205	1
1.066	1	1.066	1	12.3	1
1.086	1	1.086	1	1.148	1
1.0825	1	1.0825	1	1.105	1
1.0785	1	1.0785	1	1.147	1
1.2005	1	1.2005	1	1.2135	1
1.227	1	1.227	1	14.6	1

1.2075	1	1.2075	1	6.75	1
1.199	1	1.199	1	5	1
1.205	1	1.205	1	1.1015	1
1.1455	1	1.1455	1	87.2	1
1.148	1	1.148	1	4.12	1
1.105	1	1.105	1	7.26	1
1.147	1	1.147	1	3.36	1
1.2135	1	1.2135	1	1.21	1
1.1495	1	1.1495	1	1.21	1
1.0895	1	1.0895	1	1.22	1
1.147	1	1.147	1	11.7	1
1.1015	1	1.1015	1	9.56	1
26.9	1	26.9	1	1.15	1
1.25	1	1.25	1	4.38	1
1.395	1	1.395	1	5.43	1
1.245	1	1.245	1	1.14	1
1.21	1	1.21	1	1.19	1
1.21	1	1.21	1	1.22	1
1.22	1	1.22	1	1.21	1
1.175	1	1.175	1	1.16	1
1.15	1	1.15	1	1.165	1
1.15	1	1.15	1	1.205	1
1.15	1	1.15	1	1.215	1
1.155	1	1.155	1	17	1
1.14	1	1.14	1	1.195	1
1.19	1	1.19	1	1.21	1
1.22	1	1.22	1	14.3	1
1.21	1	1.21	1	1.12	1
1.16	1	1.16	1	1.24	1
1.165	1	1.165	1	1.13	1
1.205	1	1.205	1	1.18	1
1.215	1	1.215	1	1.24	1
1.145	1	1.145	1	1.185	1
1.195	1	1.195	1	1.095	1
1.21	1	1.21	1	1.15	1
1.265	1	1.265	1	1.27	1
1.12	1	1.12	1	1.12	1
1.24	1	1.24	1	1.18	1
1.13	1	1.13	1	1.19	1
1.18	1	1.18	1	1.155	1
1.24	1	1.24	1	3.19	1
1.185	1	1.185	1	3.23	1
1.095	1	1.095	1	1.15	1
1.15	1	1.15	1	15.8	1
1.27	1	1.27	1	2.32	1
1.12	1	1.12	1	1.21	1
1.18	1	1.18	1	1.07	1
1.19	1	1.19	1	12.5	1
1.155	1	1.155	1	1.19	1
1.01	1	1.01	1	1.08	1
1.02	1	1.02	1	1.185	1
1.15	1	1.15	1	9.12	1
1.115	1	1.115	1	19.5	1
1.12	1	1.12	1	1.015	1

1.21	1	1.21	1	6.88	1
1.07	1	1.07	1	1.155	1
1.175	1	1.175	1	1.15	1
1.19	1	1.19	1	1.04	1
1.08	1	1.08	1	1.02	1
1.185	1	1.185	1	1.06	1
1.055	1	1.055	1	1.01	1
2.15	1	2.15	1	1.01	1
1.015	1	1.015	1	1.025	1
1.145	1	1.145	1	1.2	1
1.155	1	1.155	1	17.4	1
1.15	1	1.15	1	1.05	1
1.04	1	1.04	1	1.125	1
1.02	1	1.02	1	1.21	1
1.06	1	1.06	1	1.11	1
1.01	1	1.01	1	1.075	1
1.01	1	1.01	1	1.095	1
1.025	1	1.025	1	1.04	1
1.2	1	1.2	1	1.08	1
1.13	1	1.13	1	1.025	1
1.05	1	1.05	1	1.095	1
1.125	1	1.125	1	1.105	1
1.21	1	1.21	1	1.095	1
1.11	1	1.11	1	1.06	1
1.075	1	1.075	1	1.11	1
1.095	1	1.095	1	1.105	1
1.04	1	1.04	1	1.095	1
1.08	1	1.08	1	1.065	1
1.025	1	1.025	1	1.085	1
1.095	1	1.095	1	1.03	1
1.105	1	1.105	1	1.07	1
1.095	1	1.095	1	1.1	1
1.06	1	1.06	1		
1.11	1	1.11	1		
1.105	1	1.105	1		
1.095	1	1.095	1		
1.065	1	1.065	1		
1.085	1	1.085	1		
1.03	1	1.03	1		
1.07	1	1.07	1		
1.1	1	1.1	1		

Benzo(a)pyre	D_Benzo(a)p	Benzo(b)fluor	D_Benzo(b)fl	Benzo(k)fluor	D_Benzo(k)fl	Chloroform	D_Chlorofo	Chromium	D_Chromiu	Cobalt	D_Cobalt	Chrysene	D_Chrysene	Dibenzo(a,h)a	D_Dibenzo(a,	Indeno(1,2,3-c	D_Indeno(1,2,3
16	1	13	1	2.5	1	0.00005	0	7.7	1	0.79199	1	30	1	5.5	1	6	1
0.011	1	0.013	1	0.0032	1	0.00005	0	1.87	1	0.316	1	0.014	1	0.0033	1	0.00839	1
0.19	1	0.13	1	0.028	1	0.00006	0	2.63	1	0.43999	1	0.19	1	0.075	1	0.094	1
0.076	1	0.082	1	0.02	1	0.00005	0	2.59	1	0.202	1	0.071	1	0.02	1	0.052	1
0.015	1	0.022	1	0.014	1	0.00005	0	3.04	1	0.11299	1	0.022	1	0.0039	1	0.012	1
0.0022	1	0.002	1	0.00063	1	0.00005	0	4.07	1	0.407	1	0.0022	1	0.00092	1	0.0018	1
0.098	1	0.05	1	0.051	1	0.00006	0	1.94	1	0.125	1	0.13	1	0.029	1	0.052	1
0.00014	0	0.00025	0	0.00015	0	0.00006	0	1.94	1	0.14699	1	0.00025	0	0.00028	0	0.00016	0
0.00089	1	0.00082	1	0.00015	0	0.00005	0	2.56	1	0.142	1	0.0011	1	0.00052	1	0.00016	0
0.013	1	0.0093	1	0.002	1	0.00005	0	2.38	1	0.04399	1	0.011	1	0.0076	1	0.008	1
0.016	1	0.028	1	0.022	1	0.00005	0	1.99	1	0.06599	1	0.019	1	0.0037	1	0.016	1
0.0012	1	0.0012	1	0.00031	1	0.0072	1	0.56999	1	0.035	1	0.0014	1	0.00063	1	0.00099	1
0.4	1	0.19	1	0.053	1	0.00005	0	3.43	1	0.284	1	0.33	1	0.092	1	0.18	1
0.00014	0	0.00025	0	0.00015	0	0.00005	0	2.44	1	0.268	1	0.00025	0	0.00028	0	0.00016	0
0.0006	1	0.00094	1	0.00015	0	0.0065	1	3.04	1	0.20299	1	0.00064	1	0.0004	1	0.0009	1
0.00052	1	0.00064	1	0.00032	1	0.0012	1	2.95	1	0.135	1	0.00041	1	0.00028	0	0.00028	1
0.00064	1	0.0015	1	0.00044	1	0.00006	0	2.96	1	0.25699	1	0.0007	1	0.00028	0	0.00046	1
0.045	1	0.089	1	0.028	1	0.005	0	2.5	0	12.5	0	0.035	1	0.012	1	0.042	1
0.043	1	0.032	1	0.00769	1	0.005	0	3.2	1	11	0	0.072	1	0.012	1	0.023	1
0.26	1	0.42	1	0.13	1	0.03299	0	3.2	1	11	0	0.27	1	0.049	1	0.22	1
0.0013	1	0.0031	1	0.0008	1	0.025	0	18	1	33.3	0	0.0036	1	0.00077	1	0.00094	1
0.399	0	0.399	0	0.399	0	0.063	0	44	1	25	0	0.399	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	0.05	0	3.4	1	12.6	0	0.399	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	0.8	1	3.5	1	2.9	1	0.399	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	0.8	1	54	1	2	0	0.399	0	0.399	0	0.399	0
1.61	1	1.2	0	1.2	0	0.05999	0	4.4	1	0.49	0	1.2	0	1.2	0	1.2	0
0.399	0	0.399	0	0.399	0	0.05999	0	3	1	0.43	0	0.399	0	0.399	0	0.399	0
0.616	1	0.99	1	0.399	0	0.05999	0	3	1	0.49	0	0.85	1	0.399	0	0.423	1
0.37	0	0.37	0	0.37	0	0.05999	0	2.1	1	0.43	0	0.37	0	0.37	0	0.37	0
0.35	0	0.35	0	0.35	0	0.05999	0	1.8	1	0.50999	0	0.35	0	0.35	0	0.35	0
1.1	0	1.1	0	1.1	0	0.05999	0	1.8	1	0.43	0	1.1	0	1.1	0	1.1	0
2	1	1.2	1	0.32	1	0.05	0	2.5	1	0.51999	0	3.3	1	1.1	1	0.95	1
0.42	0	0.42	0	0.42	0	0.05999	0	2.4	1	1	0	0.42	0	0.42	0	0.42	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	11	1	2	0	0.31999	0	0.31999	0	0.31999	0
0.43	0	0.43	0	0.43	0	0.05	0	18	1			0.43	0	0.43	0	0.43	0
0.34	0	0.34	0	0.34	0	0.05999	0					0.34	0	0.34	0	0.34	0
0.33	0	0.33	0	0.33	0	0.05999	0					0.33	0	0.33	0	0.33	0
0.36	0	0.36	0	0.36	0	0.05999	0					0.36	0	0.36	0	0.36	0
0.36	0	0.36	0	0.36	0	0.12999	0					0.36	0	0.36	0	0.36	0
0.37	0	0.37	0	0.37	0	0.05999	0					0.37	0	0.37	0	0.37	0
0.37	0	0.37	0	0.37	0	0.05999	0					0.37	0	0.37	0	0.37	0
0.34	0	0.34	0	0.34	0	0.05999	0					0.34	0	0.34	0	0.34	0
0.31	0	0.31	0	0.31	0	0.05999	0					0.31	0	0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0	0.05	0					0.31999	0	0.31999	0	0.31999	0
0.34	0	0.34	0	0.34	0	0.05	0					0.34	0	0.34	0	0.34	0
0.37	0	0.37	0	0.37	0	0.05	0					0.37	0	0.37	0	0.37	0
0.33	0	0.33	0	0.33	0	0.05	0					0.33	0	0.33	0	0.33	0
0.34	0	0.34	0	0.34	0	0.05	0					0.34	0	0.34	0	0.34	0
5.81	0	6.58	1	5.81	0	0.05	0					5.81	0	5.81	0	5.81	0
0.34	0	0.34	0	0.34	0	0.05	0					0.34	0	0.34	0	0.34	0
1.6	0	1.6	0	1.6	0	0.05	0					1.6	0	1.6	0	1.6	0
1.46	0	1.46	0	1.46	0	0.05	0					1.46	0	1.46	0	1.46	0
0.91	1	0.75	1	0.31999	0	0.05	0					1.62	1	0.31999	0	0.31999	0

0.31	0	0.31	0	0.31	0	0.05	0	0.31	0	0.31	0	0.31	0	0.31	0
1.46	0	1.46	0	1.46	0	0.05	0	1.46	0	1.46	0	1.46	0	1.46	0
0.37	0	0.37	0	0.37	0	0.05	0	0.37	0	0.37	0	0.37	0	0.37	0
0.33	0	0.33	0	0.33	0	0.05	0	0.33	0	0.33	0	0.33	0	0.33	0
0.33	0	0.33	0	0.33	0	0.05	0	0.33	0	0.33	0	0.33	0	0.33	0
0.36	0	0.36	0	0.36	0	0.05	0	0.36	1	0.36	0	0.36	0	0.36	0
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
0.37999	0	0.37999	0	0.37999	0	0.05	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0
0.74	0	0.74	0	0.74	0	0.05	0	0.74	0	0.74	0	0.74	0	0.74	0
6.84	0	6.84	0	6.84	0	0.05999	0	6.84	0	6.84	0	6.84	0	6.84	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0	0.05999	0	0.70999	1	0.31	0	0.31	0	0.31	0
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0	0.05	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.33	1	0.31999	0	0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.3	0	0.3	0	0.3	0	0.05999	0	0.3	0	0.3	0	0.3	0	0.3	0
0.3	0	0.3	0	0.3	0	0.05999	0	0.3	0	0.3	0	0.3	0	0.3	0
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0.34999	0	0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.37999	0	0.37999	0	0.37999	0	0.05	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0.36	0	0.36	0	0.36	0	0.07	0	0.36	0	0.36	0	0.36	0	0.36	0
0.57999	1	0.34	0	0.34	0	0.05999	0	0.46	1	0.34	0	0.34	0	0.34	0
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0	0.34	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
0.34	0	0.34	0	0.34	0	0.25	0	0.34	0	0.34	0	0.34	0	0.34	0
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0	0.34	0
0.34999	0	0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.37	0	0.37	0	0.37	0	1.2	0	0.37	0	0.37	0	0.37	0	0.37	0
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
0.31999	0	0.31999	0	0.31999	0	0.28999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0

0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.4	0	0.4	0	0.4	0	0.05999	0	0.4	0	0.4	0	0.4	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0		
0.38999	0	0.38999	0	0.38999	0	0.23999	0	0.38999	0	0.38999	0	0.38999	0		
0.34999	0	0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.12999	1	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.07999	1	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.07999	1	0.33	0	0.33	0	0.33	0		
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0		
0.34	0	2.08	1	2.61	1	0.05999	0	1.01	1	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.1	1	0.36	0	0.36	0	0.36	0		
1.17	1	0.34999	0	0.34999	0	0.05999	0	1.03	1	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.47999	1	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.37	0	0.37	0	0.37	0	0.07	0	0.37	0	0.37	0	0.37	0		
0.40999	0	0.40999	0	0.40999	0	0.05999	0	0.40999	0	0.40999	0	0.40999	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.36	1	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
5.97	1	3.95	1	4.08	1	0.07	0	6.54	1	1.6	1	2.63	1		
1.99	1	1.58	1	1.76	1	0.05999	0	4.95	1	0.67	1	1.02	1		
2.87	1	1.86	1	1.96	1	0.05999	0	4.3	1	0.34	0	1.37	1		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.54	1	0.36	0	0.36	0	0.05999	0	0.94999	1	0.36	0	0.36	0		
1.57	1	0.76999	1	0.98	1	0.05999	0	2.19	1	0.58999	1	0.36	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.37	1	0.36	0	0.36	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
8.24	1	3.46	1	2.88	1	0.05999	0	8.24	1	1.72	0	1.72	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.36	0	0.36	0	0.36	0	0.07	0	0.36	0	0.36	0	0.36	0		
0.37	0	0.38999	1	0.37	0	0.05999	0	1.06	1	0.37	0	0.37999	1		
0.37	0	0.37	0	0.37	0	0.05	0	0.37	0	0.37	0	0.37	0		
0.38999	0	0.38999	0	0.38999	0	0.05	0	0.5	1	0.38999	0	0.38999	0		
0.36	0	0.36	0	0.36	0	0.05	0	1.95	1	0.36	0	0.49	1		

0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0	0.34	0
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0	0.34	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0.36	0	0.36	0	0.36	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
0.34	0	0.34	0	0.34	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0
0.34999	0	0.34999	0	0.34999	0	0.072	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.34999	0	0.34999	0	0.34999	0	0.011	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0.34	0	0.34	0	0.34	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0
0.33	0	0.33	0	0.33	0	0.011	0	0.33	0	0.33	0	0.33	0	0.33	0
0.34	0	0.6	1	0.4	1	0.012	0	0.54	1	0.34	0	0.34	0	0.34	0
0.36	0	0.36	0	0.36	0	0.011	0	0.36	0	0.36	0	0.36	0	0.36	0
0.34	0	0.34	0	0.34	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0
0.37	0	0.37	0	0.37	0	0.011	0	0.37	0	0.37	0	0.37	0	0.37	0
0.37	0	0.37	0	0.37	0	0.012	0	0.37	0	0.37	0	0.37	0	0.37	0
0.4	0	0.4	0	0.4	0	0.048	1	0.4	0	0.4	0	0.4	0	0.4	0
0.37	0	0.37	0	0.37	0	0.011	0	0.37	0	0.37	0	0.37	0	0.37	0
0.31	0	0.31	0	0.31	0	0.039	1	0.31	0	0.31	0	0.31	0	0.31	0
0.3	0	0.3	0	0.3	0	0.039	1	0.3	0	0.3	0	0.3	0	0.3	0
0.31	0	0.31	0	0.31	0	0.039	1	0.31	0	0.31	0	0.31	0	0.31	0
0.31	0	0.31	0	0.31	0	0.039	1	0.31	0	0.31	0	0.31	0	0.31	0
0.38999	0	0.38999	0	0.38999	0	0.039	1	0.38999	0	0.38999	0	0.38999	0	0.38999	0
0.37999	0	0.37999	0	0.37999	0	0.039	1	0.37999	0	0.37999	0	0.37999	0	0.37999	0
0.33	0	0.33	0	0.33	0	0.039	1	0.33	0	0.33	0	0.33	0	0.33	0
0.33	0	0.33	0	0.33	0	0.039	1	0.33	0	0.33	0	0.33	0	0.33	0
0.41	0	0.41	0	0.41	0	0.039	1	0.41	0	0.41	0	0.41	0	0.41	0
6.8	0	0.233	1	0.233	1	0.03	1	6.8	0	6.8	0	6.8	0	6.8	0
0.35	0	0.233	1	0.233	1	0.03	1	0.35	0	0.35	0	0.35	0	0.35	0
0.4	0	0.233	1	0.233	1	0.034	1	0.4	0	0.4	0	0.4	0	0.4	0
0.36	0	0.233	1	0.233	1	0.03	1	0.12	1	0.35	0	0.35	0	0.35	0
0.41	0	0.233	1	0.233	1	0.034	1	0.41	0	0.41	0	0.41	0	0.41	0
0.41	0	0.233	1	0.233	1	0.03	1	0.41	0	0.41	0	0.41	0	0.41	0
0.35	0	0.233	1	0.233	1	0.03	1	0.35	0	0.35	0	0.35	0	0.35	0
0.41	0	0.233	1	0.233	1	0.039	1	0.41	0	0.41	0	0.41	0	0.41	0
0.29	1	0.233	1	0.233	1	0.03	1	0.38	1	0.1	1	0.1	1	0.1	1
0.15	1	0.233	1	0.233	1	0.03	1	0.19	1	0.37	0	0.11	1	0.11	1
0.20445	1	0.181	1	0.181	1	0.03	1	0.20445	1	0.20445	1	0.20445	1	0.20445	1
0.233	1	4.93	1	4.93	1	0.03	1	0.233	1	0.233	1	0.233	1	0.233	1
0.233	1	0.2045	1	0.2045	1	0.03	1	0.233	1	0.233	1	0.233	1	0.233	1
0.233	1	0.181	1	0.181	1	0.03	1	0.233	1	0.233	1	0.233	1	0.233	1
0.233	1	0.2045	1	0.2045	1	0.03	1	0.233	1	0.233	1	0.233	1	0.233	1
0.233	1	0.181	1	0.181	1	0.03	1	0.233	1	0.181	1	0.233	1	0.233	1
0.233	1	0.181	1	0.181	1	0.03	1	0.233	1	30.3	1	0.233	1	0.233	1
0.233	1	7.3	1	12.7	1	0.03	1	0.233	1	0.2045	1	0.233	1	0.233	1
3.91	1	0.181	1	0.181	1	0.03	1	5.19	1	0.181	1	0.233	1	0.233	1
0.233	1	0.181	1	0.181	1	0.03	1	0.233	1	0.2045	1	0.233	1	0.233	1
0.233	1	0.181	1	0.181	1	0.03	1	0.233	1	0.181	1	0.233	1	0.233	1
3.08	1	0.181	1	0.181	1	0.03	1	4.05	1	0.181	1	0.181	1	0.181	1
5.62	1	0.181	1	0.181	1	0.03	1	0.181	1	0.233	1	4.29	1	4.29	1
0.2045	1	0.181	1	0.181	1	0.03	1	0.2045	1	0.181	1	0.2045	1	0.2045	1
0.181	1	0.181	1	0.181	1	0.03	1	7.73	1	0.181	1	0.181	1	0.181	1
0.2045	1	0.181	1	0.181	1	0.03	1	0.2045	1	1.88	1	0.2045	1	0.2045	1
0.181	1	1.98	1	1.99	1	0.03	1	0.181	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1	0.181	1

7.42	1	0.181	1	0.181	1	0.03	1	0.233	1	0.181	1	0.233	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	1.85	1	1.88	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.039	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.039	1	0.181	1	0.181	1	0.181	1
2.75	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	1.85	1
0.181	1	0.181	1	0.181	1	0.039	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.029	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.061	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.055	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.061	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.0285	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.056	1	0.181	1	1.28	1	0.181	1
0.181	1	0.233	1	0.233	1	0.056	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.0575	1	0.181	1	0.181	1	0.181	1
0.181	1	0.233	1	0.233	1	0.0575	1	0.181	1	0.181	1	0.181	1
0.181	1	0.181	1	0.181	1	0.058	1	0.181	1	0.181	1	0.181	1
0.181	1	0.233	1	0.233	1	0.0575	1	0.181	1	0.181	1	0.181	1
2.32	1	0.175	1	0.175	1	0.059	1	0.76099	1	0.233	1	1.28	1
0.181	1	0.1785	1	0.1785	1	0.031	1	0.181	1	0.181	1	0.181	1
0.181	1	0.366	1	0.366	1	0.0565	1	0.181	1	0.233	1	0.181	1
0.181	1	0.3305	1	0.3305	1	0.033	1	0.181	1	0.181	1	0.181	1
0.181	1	0.365	1	0.365	1	0.03	1	0.181	1	0.233	1	0.181	1
0.181	1	0.1715	1	0.1715	1	0.0485	1	0.181	1	0.175	1	0.181	1
0.233	1	0.3355	1	0.3355	1	0.063	1	0.233	1	0.1785	1	0.233	1
0.181	1	0.335	1	0.335	1	0.072	1	0.181	1	0.366	1	0.181	1
0.233	1	0.344	1	0.344	1	0.0625	1	0.233	1	0.3305	1	0.233	1
0.181	1	0.3465	1	0.3465	1	0.072	1	0.181	1	0.365	1	0.181	1
0.233	1	0.349	1	0.349	1	0.08	1	0.233	1	0.1715	1	0.233	1
0.175	1	0.345	1	0.345	1	0.0565	1	0.175	1	0.3355	1	0.175	1
0.1785	1	0.354	1	0.354	1	0.059	1	0.1785	1	0.335	1	0.1785	1
0.366	1	0.185	1	0.185	1	0.077	1	0.366	1	0.344	1	0.366	1
0.3305	1	0.3395	1	7.04	1	0.076	1	0.3305	1	0.3465	1	0.3305	1
0.365	1	0.79	1	0.79	1	0.0655	1	0.365	1	0.349	1	0.365	1
0.1715	1	0.18	1	0.18	1	0.077	1	0.1715	1	0.345	1	0.1715	1
0.3355	1	1.01	1	1.01	1	0.0695	1	1.61	1	0.354	1	0.3355	1
0.335	1	1.51	1	1.51	1	0.024	1	0.335	1	0.185	1	0.335	1
0.344	1	0.431	1	0.431	1	0.022	1	0.344	1	0.3395	1	0.344	1
0.3465	1	0.374	1	0.374	1	0.014	1	0.3465	1	0.43999	1	0.3465	1
0.349	1	0.4325	1	0.4325	1	0.0115	1	0.349	1	0.18	1	0.349	1
0.345	1	0.479	1	0.479	1	0.011	1	0.345	1	0.94999	1	0.345	1
1.77	1	0.3385	1	0.3385	1	0.0115	1	0.354	1	0.379	1	0.354	1
0.185	1	0.3545	1	0.3545	1	0.012	1	0.185	1	0.431	1	0.185	1
0.3395	1	0.4615	1	0.4615	1	0.0105	1	0.3395	1	0.374	1	0.3395	1
0.62999	1	0.4545	1	0.4545	1	0.0115	1	0.67	1	0.4325	1	0.5	1
0.18	1	0.3925	1	0.3925	1	0.0105	1	0.18	1	0.479	1	0.18	1
1.76	1	0.463	1	0.463	1	0.0105	1	0.91	1	0.3385	1	1.14	1
2.55	1	0.4155	1	0.4155	1	0.0105	1	3.13	1	0.3545	1	9.9	1
0.431	1	0.359	1	0.359	1	0.011	1	0.431	1	0.4615	1	0.431	1

0.374	1	0.328	1	0.328	1	0.031	1	0.374	1	0.4545	1	0.374	1		
0.4325	1	0.2135	1	0.2135	1	0.011	1	0.4325	1	0.3925	1	0.4325	1		
0.479	1	0.169	1	0.169	1	0.011	1	0.479	1	0.463	1	0.479	1		
0.93	1	0.165	1	0.165	1	0.011	1	1.9	1	0.4155	1	0.3385	1		
0.3545	1	0.1695	1	0.1695	1	0.012	1	0.3545	1	0.359	1	0.3545	1		
0.4615	1	4.44	1	4.44	1	0.023	1	0.4615	1	0.328	1	0.4615	1		
0.4545	1	0.156	1	0.156	1	0.011	1	0.4545	1	0.2135	1	0.4545	1		
0.3925	1	0.174	1	0.174	1	0.011	1	0.3925	1	0.169	1	0.3925	1		
0.463	1	0.158	1	0.158	1	0.011	1	0.463	1	0.165	1	0.463	1		
0.4155	1	0.159	1	0.159	1	0.012	1	0.4155	1	0.1695	1	0.4155	1		
0.359	1	0.1605	1	0.1605	1	0.011	1	0.359	1	0.177	1	0.359	1		
0.328	1	0.162	1	0.162	1	0.011	1	0.328	1	0.156	1	0.328	1		
0.2135	1	0.4675	1	0.4675	1	0.011	1	0.2135	1	0.174	1	0.2135	1		
0.169	1	0.168	1	0.168	1	0.012	1	0.169	1	0.158	1	0.169	1		
0.165	1	0.1645	1	0.1645	1	0.013	1	0.165	1	0.159	1	0.165	1		
0.1695	1	0.1665	1	0.1665	1	0.011	1	0.1695	1	0.1605	1	0.1695	1		
1.57	1	0.182	1	0.182	1	0.0115	1	0.177	1	0.162	1	0.177	1		
0.156	1	0.3455	1	0.3455	1	0.0115	1	0.156	1	0.4675	1	0.156	1		
0.174	1	0.1625	1	0.1625	1	0.011	1	0.174	1	0.168	1	0.174	1		
0.158	1	0.1635	1	0.1635	1	0.011	1	0.158	1	0.1645	1	0.158	1		
0.159	1	0.167	1	0.167	1	0.0115	1	0.159	1	0.1665	1	0.159	1		
0.1605	1	0.1775	1	0.1775	1	0.012	1	0.1605	1	0.182	1	0.1605	1		
0.162	1	0.1625	1	0.1625	1	0.0105	1	0.162	1	0.3455	1	0.162	1		
0.4675	1	0.162	1	0.162	1	0.011	1	0.4675	1	0.1625	1	0.4675	1		
0.168	1	0.1675	1	0.1675	1	0.011	1	0.168	1	0.1635	1	0.168	1		
0.1645	1	0.1795	1	0.1795	1	0.012	1	0.1645	1	0.167	1	0.1645	1		
0.1665	1	0.194	1	0.194	1	0.023	1	0.1665	1	0.1775	1	0.1665	1		
0.182	1	0.1665	1	0.1665	1	0.0265	1	0.182	1	0.1625	1	0.182	1		
0.3455	1	0.173	1	0.173	1	0.011	1	0.3455	1	0.162	1	0.3455	1		
0.1625	1	0.1745	1	0.1745	1	0.0125	1	0.1625	1	0.1675	1	0.1625	1		
0.1635	1	0.163	1	0.163	1	0.012	1	0.1635	1	0.1795	1	0.1635	1		
0.167	1	0.1655	1	0.1655	1	0.0115	1	0.167	1	0.194	1	0.167	1		
0.1775	1	0.171	1	0.171	1	0.0125	1	0.1775	1	0.1665	1	0.1775	1		
0.1625	1	0.182	1	0.182	1	0.012	1	0.1625	1	0.173	1	0.1625	1		
0.162	1	0.159	1	0.159	1	0.0135	1	0.162	1	0.1745	1	0.162	1		
0.1675	1	0.162	1	0.162	1	0.01	1	0.1675	1	0.163	1	0.1675	1		
0.1795	1	0.163	1	0.163	1	0.012	1	0.1795	1	0.1655	1	0.1795	1		
0.194	1	0.182	1	0.182	1	0.012	1	0.194	1	0.171	1	0.194	1		
0.1665	1	1.73	1	1.73	1	0.0125	1	0.1665	1	0.182	1	0.1665	1		
0.173	1	0.396	1	0.396	1	0.0115	1	0.173	1	0.159	1	0.173	1		
0.1745	1	0.1685	1	0.1685	1	0.012	1	0.1745	1	0.162	1	0.1745	1		
0.163	1	0.1545	1	0.1545	1	0.012	1	0.163	1	0.163	1	0.163	1		
0.1655	1	0.185	1	0.185	1	0.012	1	0.1655	1	0.182	1	0.1655	1		
0.171	1	0.19	1	0.19	1	0.0115	1	0.171	1	5.88	1	0.171	1		
0.182	1	0.182	1	0.182	1	0.0305	1	0.182	1	0.396	1	0.182	1		
0.159	1	0.171	1	0.171	1	0.0305	1	0.159	1	0.1685	1	0.159	1		
0.162	1	0.187	1	0.187	1	0.0125	1	0.162	1	0.1545	1	0.162	1		
0.163	1	0.1835	1	0.1835	1	0.0125	1	0.163	1	0.185	1	0.163	1		
0.182	1	0.206	1	0.206	1	0.0125	1	0.182	1	0.19	1	0.182	1		
6.34	1	0.1535	1	0.1535	1	0.0125	1	4.19	1	0.182	1	5.88	1		
0.396	1	0.183	1	0.183	1	0.0125	1	0.396	1	0.171	1	0.396	1		
0.1685	1	0.177	1	0.177	1	0.0125	1	0.1685	1	0.187	1	0.1685	1		
0.1545	1	0.189	1	0.189	1	0.0115	1	0.1545	1	0.1835	1	0.1545	1		
0.185	1	0.1695	1	0.1695	1	0.012	1	0.185	1	0.206	1	0.185	1		

0.19	1	0.177	1	0.177	1	0.0115	1
0.182	1	0.18	1	0.18	1	0.0115	1
0.171	1	0.1765	1	0.1765	1	0.014	1
0.187	1	0.1735	1	0.1735	1	0.013	1
0.1835	1	0.182	1	0.182	1	0.013	1
0.206	1	0.183	1	0.183	1	0.0135	1
0.1535	1	0.189	1	0.189	1	0.0115	1
0.183	1	0.1895	1	0.1895	1	0.0115	1
0.177	1	0.1875	1	0.1875	1	0.013	1
0.189	1	0.184	1	0.184	1	0.0105	1
1.13	1	0.188	1	0.188	1	0.011	1
0.177	1	0.186	1	0.186	1	0.0105	1
0.18	1	0.1715	1	0.1715	1	0.011	1
0.1765	1	0.178	1	0.178	1	0.0105	1
0.1735	1	0.1705	1	0.1705	1	0.011	1
0.182	1	0.1695	1	0.1695	1	0.011	1
0.183	1	0.2095	1	0.2095	1	0.011	1
0.189	1	0.194	1	0.194	1	0.0145	1
0.1895	1	0.194	1	0.194	1	0.0115	1
0.1875	1	0.2005	1	0.2005	1	0.0115	1
0.184	1	0.175	1	0.175	1	0.012	1
0.188	1	0.1695	1	0.1695	1	0.0295	1
0.186	1	1.984	1	1.984	1	0.0315	1
0.1715	1	0.158	1	0.158	1	0.028	1
0.178	1	0.165	1	0.165	1	0.029	1
0.1705	1	0.158	1	0.158	1	0.0285	1
0.1695	1	0.1625	1	0.1625	1	0.0335	1
0.2095	1	0.1575	1	0.1575	1	0.0285	1
0.194	1	0.1625	1	0.1625	1	0.0505	1
0.194	1	0.1625	1	0.1625	1	0.028	1
0.2005	1	0.1655	1	0.1655	1	0.027	1
0.175	1	0.2145	1	0.2145	1	0.028	1
0.1695	1	0.1715	1	0.1715	1	0.0265	1
1.984	1	0.1695	1	0.1695	1	0.013	1
0.158	1	0.1775	1	0.1775	1	0.027	1
0.165	1	0.1755	1	0.1755	1	0.028	1
0.158	1	0.1885	1	0.1885	1	1.11	1
0.1625	1	0.169	1	0.169	1	0.085	1
0.1575	1	0.1745	1	0.1745	1	0.134	1
0.1625	1	0.172	1	0.172	1	0.027	1
0.1625	1	0.1995	1	0.1995	1	0.0275	1
0.1655	1	0.1715	1	0.1715	1	0.029	1
0.2145	1	5.42	1	0.3045	1	0.028	1
0.1715	1	0.168	1	0.168	1	0.0285	1
0.1695	1	0.161	1	0.161	1	0.028	1
0.1775	1	0.167	1	0.167	1	0.0285	1
0.1755	1	0.158	1	0.158	1	0.028	1
0.1885	1	0.1945	1	0.1945	1	0.028	1
0.169	1	0.162	1	0.162	1	0.0285	1
0.1745	1	0.167	1	0.167	1	0.028	1
0.172	1	1.5	1	1.5	1	0.028	1
0.1995	1	0.1815	1	0.1815	1	0.0285	1
0.1715	1	0.1895	1	0.1895	1	0.0285	1
0.3045	1	0.161	1	0.161	1	0.0275	1
						0.0275	1
						0.032	1
						0.0315	1

0.19	1	0.1535	1	0.19	1	0.19	1
0.182	1	0.183	1	0.182	1	0.182	1
0.171	1	0.177	1	0.171	1	0.171	1
0.187	1	0.189	1	0.187	1	0.187	1
0.1835	1	0.1695	1	0.1835	1	0.1835	1
0.206	1	0.177	1	0.206	1	0.206	1
0.1535	1	0.18	1	0.1535	1	0.1535	1
0.183	1	0.1765	1	0.183	1	0.183	1
0.177	1	0.1735	1	0.177	1	0.177	1
0.189	1	0.182	1	0.189	1	0.189	1
0.1695	1	0.183	1	0.1695	1	0.1695	1
0.177	1	0.189	1	0.177	1	0.177	1
0.18	1	0.1895	1	0.18	1	0.18	1
0.1765	1	0.1875	1	0.1765	1	0.1765	1
0.1735	1	0.184	1	0.1735	1	0.1735	1
0.182	1	0.188	1	0.182	1	0.182	1
0.183	1	0.186	1	0.183	1	0.183	1
0.189	1	0.1715	1	0.189	1	0.189	1
0.1895	1	0.178	1	0.1895	1	0.1895	1
0.1875	1	0.1705	1	0.1875	1	0.1875	1
0.184	1	0.1695	1	0.184	1	0.184	1
0.188	1	0.81	1	0.188	1	0.188	1
0.186	1	0.194	1	0.186	1	0.186	1
0.1715	1	0.194	1	0.1715	1	0.1715	1
0.178	1	0.2005	1	0.178	1	0.178	1
0.1705	1	0.175	1	0.1705	1	0.1705	1
0.1695	1	0.1695	1	0.1695	1	0.1695	1
0.2095	1	1.984	1	0.2095	1	0.2095	1
0.194	1	0.158	1	0.194	1	0.194	1
0.194	1	0.165	1	0.194	1	0.194	1
0.2005	1	0.158	1	0.2005	1	0.2005	1
0.175	1	0.1625	1	0.175	1	0.175	1
0.1695	1	0.1575	1	0.1695	1	0.1695	1
1.984	1	0.1625	1	1.984	1	1.984	1
0.158	1	0.1625	1	0.158	1	0.158	1
0.165	1	0.1655	1	0.165	1	0.165	1
0.158	1	0.2145	1	0.158	1	0.158	1
0.1625	1	0.1715	1	0.1625	1	0.1625	1
0.1575	1	0.1695	1	0.1575	1	0.1575	1
0.1625	1	0.1775	1	0.1625	1	0.1625	1
0.1625	1	0.1755	1	0.1625	1	0.1655	1
0.1655	1	0.1885	1	0.1655	1	0.2145	1
0.2145	1	0.169	1	0.2145	1	0.1715	1
0.1715	1	0.1745	1	0.1715	1	0.1695	1
0.1695	1	0.172	1	0.1695	1	0.1775	1
0.1775	1	0.1995	1	0.1775	1	0.1755	1
0.1755	1	0.1715	1	0.1755	1	0.1885	1
0.1885	1	0.3045	1	0.1885	1	0.169	1
0.169	1	0.168	1	0.169	1	0.1745	1
0.1745	1	0.161	1	0.1745	1	0.172	1
0.172	1	0.167	1	0.172	1	0.1995	1
0.1995	1	0.158	1	0.1995	1	0.1715	1
0.1715	1	0.1945	1	0.1715	1	0.3045	1
0.97	1	0.162	1	0.97	1		

0.168	1	0.1635	1	0.1635	1
0.161	1	0.1735	1	0.1735	1
0.167	1	0.167	1	0.167	1
0.158	1	0.171	1	0.171	1
0.1945	1	0.1665	1	0.1665	1
0.162	1	0.17	1	0.17	1
0.167	1	0.81	1	0.8	1
10.1	1	0.1675	1	0.1675	1
0.1815	1	2.01	1	2.01	1
0.70999	1	0.171	1	0.171	1
0.161	1	2.74	1	2.74	1
0.1635	1	0.5	1	0.49	1
0.1735	1	0.43999	1	0.43999	1
0.167	1	0.189	1	0.189	1
0.171	1	0.195	1	0.195	1
0.1665	1	0.1615	1	0.1615	1
0.17	1	0.162	1	0.162	1
1.43	1	0.1765	1	0.1765	1
0.1675	1	0.1605	1	0.1605	1
4.37	1	0.1635	1	0.1635	1
0.49	1	0.161	1	0.161	1
3.44	1	0.1725	1	0.1725	1
0.93	1	0.163	1	0.163	1
0.1925	1	0.163	1	0.163	1
0.189	1	0.1595	1	0.1595	1
0.195	1	0.1575	1	0.1575	1
0.1615	1	0.1655	1	0.1655	1
0.162	1	0.16	1	0.16	1
1.11	1	0.163	1	0.163	1
0.1605	1	0.1625	1	0.1625	1
0.1635	1	0.162	1	0.162	1
0.161	1	0.181	1	0.181	1
0.1725	1	1.33	1	1.33	1
0.163	1	0.75999	1	0.75999	1
0.163	1	0.172	1	0.172	1
0.1595	1	0.1655	1	0.1655	1
0.1575	1	3.4405	1	3.4405	1
0.1655	1	8.2	1	3.641	1
0.16	1	1.09	1	1.09	1
0.163	1	2.74	1	2.74	1
0.1625	1	0.172	1	0.172	1
0.162	1	0.165	1	0.165	1
0.62	1	27.6	1	27.6	1
2.66	1	0.18	1	0.18	1
3.19	1	0.18	1	0.18	1
0.172	1	0.175	1	0.175	1
0.1655	1	0.175	1	0.175	1
3.4405	1	0.175	1	0.175	1
3.641	1	0.175	1	0.175	1
0.66	1	0.17	1	0.17	1
3.4	1	0.18	1	0.18	1
0.172	1	0.18	1	0.18	1
0.165	1	0.18	1	0.18	1
38.2	1				

1	0.51999	1	0.168	1	0.167
1	0.027	1	0.161	1	0.18
1	0.027	1	0.167	1	1.04
1	0.0295	1	0.158	1	0.1895
1	0.027	1	0.1945	1	0.161
1	0.0275	1	0.162	1	0.1635
1	0.027	1	0.167	1	0.1735
1	0.0285	1	9.6	1	0.167
1	0.027	1	0.1815	1	0.171
1	0.027	1	0.82999	1	0.1665
1	0.0265	1	0.161	1	0.17
1	0.0265	1	0.1635	1	0.89999
1	0.0275	1	0.1735	1	0.1675
1	0.0265	1	0.40999	1	1.87
1	0.027	1	0.171	1	0.171
1	0.027	1	0.1665	1	1.72
1	0.027	1	0.17	1	0.37999
1	0.03	1	1.48	1	0.1925
1	0.0305	1	0.1675	1	0.189
1	0.03	1	7.06	1	0.195
1	0.03	1	0.46	1	0.1615
1	0.03	1	4.27	1	0.162
1	0.0285	1	0.63999	1	0.44999
1	0.0275	1	0.1925	1	0.1605
1	0.0285	1	0.189	1	0.1635
1	0.0305	1	0.195	1	0.161
1	0.0285	1	0.1615	1	0.1725
1	0.027	1	0.162	1	0.163
1	0.0285	1	1.24	1	0.163
1	0.0275	1	0.1605	1	0.1595
1	0.135	1	0.1635	1	0.1575
1	0.03	1	0.161	1	0.1655
1	0.0305	1	0.1725	1	0.16
1	0.0295	1	0.163	1	0.163
1	0.029	1	0.163	1	0.1625
1	0.029	1	0.1595	1	0.162
1	0.029	1	0.1575	1	0.181
1	0.029	1	0.1655	1	2.21
1	0.0285	1	0.50999	1	0.1805
1	0.03	1	0.163	1	0.172
1	0.0305	1	0.6	1	0.1655
1	0.0305	1	0.162	1	3.4405
1	0.029	1	0.181	1	3.641
1	0.029	1	3.48	1	0.1725
1	0.03	1	2.84	1	2.53
1	0.0305	1	0.172	1	0.172
1	0.29699	1	0.1655	1	0.165
1	0.03	1	59.3	1	8.61
1	0.03	1	12.7	1	0.18
1	0.0315	1	0.1725	1	0.18
1	0.028	1	3.89	1	0.175
1	0.031	1	0.172	1	0.175
1	0.028	1	0.165	1	0.175
1	0.0295	1	137	1	0.175

0.168	1	0.168	1
0.161	1	0.161	1
0.167	1	0.167	1
0.158	1	0.158	1
0.1945	1	0.1945	1
0.162	1	0.162	1
0.167	1	0.167	1
0.18	1	0.18	1
1.04	1	1.04	1
0.1895	1	0.1895	1
0.161	1	0.161	1
0.1635	1	0.1635	1
0.1735	1	0.1735	1
0.167	1	0.167	1
0.171	1	0.171	1
0.1665	1	0.1665	1
0.17	1	0.17	1
0.89999	1	0.89999	1
0.1675	1	0.1675	1
1.87	1	1.87	1
0.171	1	0.171	1
1.72	1	1.72	1
0.37999	1	0.37999	1
0.1925	1	0.1925	1
0.189	1	0.189	1
0.195	1	0.195	1
0.1615	1	0.1615	1
0.162	1	0.162	1
0.44999	1	0.44999	1
0.1605	1	0.1605	1
0.1635	1	0.1635	1
0.161	1	0.161	1
0.1725	1	0.1725	1
0.163	1	0.163	1
0.163	1	0.163	1
0.1595	1	0.1595	1
0.1575	1	0.1575	1
0.1655	1	0.1655	1
0.16	1	0.16	1
0.163	1	0.163	1
0.1625	1	0.1625	1
0.162	1	0.162	1
0.181	1	0.181	1
2.21	1	2.21	1
0.1805	1	0.1805	1
0.172	1	0.172	1
0.1655	1	0.1655	1
3.4405	1	3.4405	1
3.641	1	3.641	1
0.1725	1	0.1725	1
2.53	1	2.53	1
0.172	1	0.172	1
0.165	1	0.165	1
8.61	1	8.61	1

0.18	1	0.175	1	0.175	1	0.031	1
0.18	1	0.175	1	0.175	1	0.0295	1
0.175	1	0.18	1	0.18	1	0.0275	1
0.175	1	0.18	1	0.18	1	0.0285	1
0.175	1	0.17	1	0.17	1	0.0315	1
0.175	1	0.18	1	0.18	1	0.028	1
0.175	1	0.18	1	0.18	1	0.0295	1
0.175	1	0.19	1	0.19	1	0.0295	1
0.17	1	0.17	1	0.17	1	0.029	1
0.18	1	0.185	1	0.185	1	0.029	1
0.18	1	0.17	1	0.17	1	0.028	1
0.62999	1	0.355	1	0.355	1	0.028	1
0.99	1	0.37	1	0.37	1	0.0305	1
0.175	1	0.18	1	0.18	1	0.0265	1
0.18	1	2.87	1	2.87	1	0.0295	1
0.18	1	2.85	1	2.85	1	0.03	1
1.48	1	1.07	1	1.07	1	0.027	1
0.18	1	2.32	1	2.32	1	0.0295	1
0.18	1	0.18	1	0.18	1	0.0255	1
0.19	1	0.18	1	0.18	1	0.0285	1
0.17	1	0.175	1	0.175	1	0.029	1
0.185	1	0.175	1	0.175	1	0.029	1
0.17	1	0.17	1	0.17	1	0.026	1
0.355	1	1.26	1	1.26	1	0.0255	1
1.19	1	0.18	1	0.18	1	0.0265	1
0.18	1	0.16	1	0.16	1	0.0255	1
8.69	1	0.175	1	0.175	1	0.025	1
6.8	1	0.18	1	0.18	1	0.0255	1
2.18	1	0.16	1	0.16	1	0.03	1
0.17	1	0.355	1	0.355	1	0.0285	1
0.18	1	0.155	1	0.155	1	0.026	1
0.18	1	0.17	1	0.17	1	0.028	1
0.175	1	0.175	1	0.175	1	0.1515	1
0.175	1	0.175	1	0.175	1	0.1385	1
0.17	1	0.155	1	0.155	1	0.027	1
0.17	1	0.155	1	0.155	1	0.0275	1
0.18	1	0.16	1	0.16	1	0.026	1
0.16	1	3.035	1	3.035	1	0.027	1
0.175	1	3.025	1	3.025	1	0.0255	1
0.18	1	3.07	1	3.07	1	0.0275	1
0.16	1	0.18	1	0.18	1	0.0275	1
1.56	1	3.395	1	3.395	1	0.0275	1
0.155	1	0.16	1	0.16	1	0.0265	1
0.17	1	0.17	1	0.17	1	0.246	1
0.175	1	0.18	1	0.18	1	0.0275	1
0.175	1	1.665	1	1.665	1	0.0275	1
0.155	1	0.16	1	0.16	1	0.0265	1
0.155	1	0.165	1	0.165	1	0.027	1
0.16	1	1.56	1	1.56	1	0.026	1
3.035	1	0.16	1	0.16	1	0.027	1
3.025	1	0.155	1	0.155	1	0.0275	1
3.07	1	0.165	1	0.165	1		
0.18	1	0.165	1	0.165	1		
3.395	1						
0.16	1						

0.18	1	0.175	1	0.18	1
0.18	1	0.17	1	0.175	1
0.175	1	0.18	1	0.175	1
0.175	1	0.18	1	0.175	1
0.175	1	0.175	1	0.175	1
0.175	1	0.175	1	0.17	1
0.17	1	0.18	1	0.18	1
0.18	1	0.18	1	0.18	1
0.18	1	0.17	1	0.18	1
0.61	1	0.18	1	0.175	1
0.63999	1	0.18	1	0.175	1
0.175	1	0.19	1	0.18	1
0.18	1	0.17	1	0.18	1
0.18	1	0.185	1	0.17	1
2.14	1	0.17	1	0.18	1
0.18	1	0.355	1	0.18	1
0.18	1	0.37	1	0.19	1
0.73	1	0.18	1	0.17	1
0.17	1	4.26	1	0.185	1
0.185	1	5.12	1	0.17	1
0.17	1	1.04	1	0.355	1
0.355	1	0.17	1	0.37	1
0.37	1	0.18	1	0.18	1
0.18	1	0.18	1	4.26	1
5.28	1	0.175	1	5.12	1
6.13	1	0.175	1	1.04	1
0.81999	1	0.938	1	0.17	1
4.86	1	0.17	1	0.18	1
0.18	1	0.18	1	0.18	1
0.18	1	0.16	1	0.175	1
0.6	1	0.175	1	0.175	1
0.175	1	0.18	1	0.938	1
0.57999	1	0.16	1	0.17	1
0.85	1	0.355	1	0.18	1
0.18	1	0.155	1	0.16	1
0.16	1	0.17	1	0.175	1
0.175	1	0.175	1	0.18	1
0.18	1	0.175	1	0.16	1
0.16	1	0.155	1	0.355	1
1.25	1	0.155	1	0.155	1
0.155	1	0.16	1	0.17	1
0.17	1	3.035	1	0.175	1
0.175	1	3.025	1	0.175	1
0.175	1	3.07	1	0.155	1
0.155	1	0.18	1	0.155	1
0.155	1	3.395	1	0.16	1
0.16	1	0.16	1	3.035	1
3.035	1	0.17	1	3.025	1
3.025	1	0.18	1	3.07	1
3.07	1	1.665	1	0.18	1
0.18	1	0.16	1	3.395	1
3.395	1	0.165	1	0.16	1
0.16	1	1.56	1		

0.17	1	0.16	1	0.16	1
0.18	1	1.665	1	1.665	1
1.665	1	0.165	1	0.165	1
0.16	1	0.165	1	0.165	1
0.165	1	0.16	1	0.16	1
1.56	1	0.165	1	0.165	1
0.16	1	0.155	1	0.155	1
0.155	1	0.16	1	0.16	1
0.165	1	0.165	1	0.165	1
0.165	1				
0.165	1				
0.16	1				
1.665	1				
0.165	1				
0.165	1				
0.16	1				
0.165	1				
0.155	1				
0.16	1				
0.165	1				

0.17	1	0.16	1	0.17	1	0.17	1
0.18	1	0.155	1	0.18	1	0.18	1
1.665	1	0.165	1	1.665	1	1.665	1
0.16	1	0.165	1	0.16	1	0.16	1
0.165	1	0.165	1	0.165	1	0.165	1
1.56	1	0.16	1	1.56	1	1.56	1
0.16	1	1.665	1	0.16	1	0.16	1
0.155	1	0.165	1	0.155	1	0.155	1
0.165	1	0.165	1	0.165	1	0.165	1
0.165	1	0.16	1	0.165	1	0.165	1
0.16	1	0.165	1	0.155	1	0.16	1
1.665	1	0.155	1	0.16	1	1.665	1
0.165	1	0.16	1	0.165	1	0.165	1
0.165	1	0.165	1			0.165	1
0.16	1					0.16	1
0.165	1					0.165	1
0.155	1					0.155	1
0.16	1					0.16	1
0.165	1					0.165	1

Iron	D_Iron	Lead	D_Lead	Manganese	D_Manganes	Mercury	D_Mercury	Naphthalene	D_Naphthale	n-Butylbenzene	D_n-Butylbenz	Tetrachloroethe	D_Tetrachloroe	Vanadium	D_Vanadium	Zinc	D_Zinc
4350	1	31.6	1	22.2	1	0.804	1	0.39	1	0.00009	0	0.00013	0	9.98	1	11.4	1
2290	1	8.77	1	8.93	1	0.609	1	0.002	1	0.00009	0	0.00013	0	3.77	1	6	1
1930	1	3.7	1	15.4	1	0.0724	1	0.06	1	0.00012	0	0.00017	0	3.93	1	4.04	1
419	1	443	1	2.27	1	1.22	1	0.015	1	0.00011	0	0.00015	0	7.13	1	36.1	1
403	1	102	1	3.42	1	1.04	1	0.0044	1	0.00009	0	0.00014	0	3.88	1	3960	1
1400	1	8.29	1	5.38	1	0.265	1	0.00051	1	0.00009	0	0.00013	0	2.3	1	2.3	1
439	1	32.3	1	9.09	1	0.576	1	0.11	1	0.00012	0	0.00016	0	9.65	1	38.2	1
1020	1	181	1	7.29	1	0.863	1	0.00038	1	0.00012	0	0.00016	0	3.74	1	1.5	1
1180	1	118	1	11.5	1	0.234	1	0.00041	1	0.00011	0	0.00014	0	2.19	1	0.97	1
283	1	2.39	1	5.11	1	0.0422	1	0.0022	1	0.00011	0	0.00014	0	4.56	1	5.7	1
554	1	64	1	12	1	10.1	1	0.00096	1	0.00009	0	0.00014	0	2.51	1	4.4	1
194	1	1.14	1	3.27	1	0.0076	1	0.00051	1	0.00011	0	0.00015	0	1.63	1	1.8	1
670	1	2.16	1	2.73	1	0.0184	1	0.47	1	0.00009	0	0.00014	0	3.84	1	9.4	1
1600	1	4.12	1	8.97	1	0.0769	1	0.00037	1	0.00011	0	0.00014	0	1.85	1	0.56999	0
1110	1	4.31	1	14.9	1	9.77	1	0.0018	1	0.00009	0	0.00057	1	1.01	1	3.5	1
1050	1	2.45	1	10.1	1	0.14699	1	0.0004	1	0.00012	0	0.00017	0	0.56	1	0.94999	1
2040	1	29.8	1	8	1	1.25	1	0.00055	1	0.00013	0	0.00017	0	2.42	1	2	1
281	1	2.58	1	3.8	0	0.0212	1	0.01	1	0.05	0	0.005	0	2.18	1	3.4	1
1000	1	3.81	1	4.3	1	0.387	1	0.0076	1	0.07	0	0.005	0	2.95	1	6.7	1
1940	1	5.74	1	11.8	1	1.36	1	0.0088	1	0.05999	0	0.03299	0	4.46	1	4.8	1
12800	1	2.83	1	133	1	0.0563	1	0.00067	1	0.05999	0	0.025	0	3.33	1	1.8	1
29700	1	4.85	1	314	1	0.106	1	0.399	0	0.05999	0	0.063	0	12	0	5	0
1280	1	13.4	1	12.9	1	0.987	1	0.399	0	0.05999	0	0.05	0	11	0	7.3	1
15000	1	16.8	1	84	1	1.1	1	0.399	0	0.05999	0	0.07	0	11	0	30.2	1
9300	1	3.43	1	39	1	0.155	1	0.399	0	0.05999	0	0.05999	0	33.3	0	22.1	1
1300	1	483	1	7.4	1	9.54	1	1.2	0	0.05999	0	0.05999	0	67.9	1	77.7	1
3000	1	205	1	23	1	13	1	0.399	0	0.05	0	0.05999	0	12.6	0	5.06	0
635	1	2.08	1	3.8	1	23.4	1	0.399	0	0.05999	0	0.05999	0	13	1	510	1
830	1	7.74	1	30	1	16.9	1	0.37	0	0.05999	0	0.05999	0	9	0	65	1
530	1	4.66	1	12	1	6.64	1	0.35	0	0.05	0	0.05999	0	4	0	20	0
1200	1	2.15	1	21	1	1.69	1	1.1	0	0.05999	0	0.05999	0	8	0	50	1
1400	1	7.22	1	16	1	1.69	1	0.11	1	2.78	1	0.05	0	2	0	0.98	0
4100	1	155	1	31	1	3.14	1	0.42	0	0.05999	0	0.05999	0	3	0	6	0
7000	1	3.74	1	39	1	3.02	1	0.31999	0	5.31	1	0.05999	0	2	0	9	0
		3.98	1			0.966	1	0.43	0	0.05999	0	0.05	0	3	0	7	0
		112	1			37.3	1	0.34	0	0.05999	0	0.05999	0	3	0	9	0
		3.5	1			0.05499	0	0.33	0	0.21999	1	0.05999	0	12	1	55	1
		10.7	1			0.05999	0	0.36	0	0.05999	0	0.05999	0	20	0	170	1
		27.8	1			0.057	0	0.36	0	0.05	0	0.12999	0				
		11.7	1			0.061	0	0.37	0	0.05	0	0.05999	0				
		164	1			0.059	0	0.37	0	0.05	0	0.05999	0				
		9.9	1			0.06199	0	0.34	0	0.05	0	0.05999	0				
		10.7	0			0.059	0	0.31	0	0.05	0	0.05999	0				
		14.2	0			0.06499	0	0.31999	0	0.05	0	0.05	0				
		11.3	0			0.05499	0	0.34	0	0.05	0	0.05	0				
		11.2	0			0.06199	0	0.37	0	0.05	0	0.05	0				
		12	0			0.056	0	0.33	0	0.05	0	0.05	0				
		11.9	0			0.05999	0	0.34	0	0.05	0	0.05	0				
		12.2	0			0.059	0	5.81	0	0.05	0	0.05	0				
		12.4	0			0.06599	0	0.34	0	0.05	0	0.05	0				
		42	1			7.04	1	7.71	1	0.05	0	0.05	0				
		13.9	1			0.056	0	8.04	1	0.05	0	0.05	0				
		24.1	1			0.057	0	0.31999	0	0.05	0	0.05	0				

196	1	0.054	0	0.31	0	0.05	0	0.05	0
166	1	0.061	0	1.49	1	0.05999	0	0.05	0
10.7	0	0.063	0	0.37	0	0.05	0	0.05	0
11.2	0	0.06199	0	0.33	0	0.05	0	0.05	0
12.2	0	0.061	0	0.33	0	0.05999	0	0.05	0
11	0	0.056	0	0.36	0	0.05999	0	0.05	0
175	1	0.05499	0	0.33	0	50.9	1	0.05999	0
11.6	0	0.052	0	0.37999	0	0.05999	0	0.05	0
130	1	0.056	0	0.74	0	0.05999	0	0.05	0
156	1	0.056	0	6.84	0	0.05999	0	0.05999	0
11.6	0	0.05499	0	0.31999	0	0.05999	0	0.05999	0
154	1	0.054	0	0.31	0	0.05	0	0.05999	0
258	1	0.057	0	0.37999	0	0.05999	0	0.05999	0
48.9	1	0.05299	0	0.31999	0	0.05999	0	0.05999	0
303	1	0.057	0	0.31999	0	0.05999	0	0.05999	0
24	1	0.05299	0	0.31	0	0.05999	0	0.05999	0
91.8	1	0.054	0	0.31999	0	0.05999	0	0.05	0
137	1	0.05499	0	0.31999	0	0.05999	0	0.05999	0
319	1	0.05999	0	0.31999	0	0.05999	0	0.05999	0
781	1	0.061	0	0.31	0	0.05999	0	0.05999	0
12.4	0	0.057	0	0.31	0	0.05999	0	0.05999	0
143	1	1.24	1	0.31999	0	0.05999	0	0.05999	0
17.4	1	2.09	1	0.31	0	0.05999	0	0.05999	0
14.5	1	0.28799	0	0.31999	0	0.05999	0	0.05999	0
323	1	4.22	1	0.31999	0	0.07	0	0.05999	0
60.1	1	11.7	1	0.3	0	0.05	0	0.05999	0
10.8	0	0.30899	0	0.3	0	0.05999	0	0.05999	0
255	1	0.62	1	0.3	0	0.05999	0	0.05999	0
114	1	0.10999	0	0.34	0	0.07	0	0.05999	0
260	1	0.10999	0	0.34999	0	0.05999	0	0.07	0
10.7	0	0.33	0	0.37999	0	0.07	0	0.05	0
309	1	0.25	0	0.34999	0	0.05999	0	0.05999	0
10.4	0	0.126	0	0.34	0	0.05999	0	0.05999	0
14.1	1	0.69999	1	0.36	0	0.18	1	0.07	0
10.6	0	0.70999	0	0.34	0	4.3	1	0.05999	0
32.6	1	1.7	1	0.34	0	0.07	0	0.07	0
21.8	1	0.56	0	0.31999	0	0.07	0	0.05999	0
310	1	0.6	0	0.37	0	0.18999	1	0.05999	0
48.3	1	0.6	0	0.33	0	0.05999	0	0.05999	0
16.1	1	0.61	0	0.34	0	0.05999	0	0.25	0
10.6	0	0.89999	1	0.34	0	1.3	1	0.07	0
21.3	1	0.56999	0	0.34999	0	0.05999	0	0.07	0
10.8	1	1.29	1	0.34999	0	0.05999	0	0.05999	0
15.4	1	1.52	1	0.37	0	0.05999	0	0.05999	0
26.8	1	3.99	1	0.34999	0	0.05999	0	0.05999	0
10.7	0	2.02	1	0.37	0	0.43999	1	1.8	1
126	1	0.74	1	0.34	0	0.05999	0	0.05999	0
118	1	1.1	1	0.33	0	0.05999	0	0.05999	0
540	1	2.04	1	0.36	0	0.05999	0	0.05999	0
12.7	0	0.68	1	0.38999	0	0.05999	0	0.05999	0
197	1	1.05	1	0.31999	0	0.05999	0	0.28999	0
46.1	1	0.99	1	0.36	0	0.05999	0	0.05999	0
44	1	8.39	1	0.34999	0	0.05999	0	0.05999	0
12.1	0	1.58	1	0.38999	0	0.05999	0	0.05999	0

280	1	0.38999	1	0.34	0	0.05999	0	0.05999	0
494	1	2.42	1	0.4	0	0.05999	0	0.05999	0
177	1	0.51999	0	0.37999	0	3.2	1	0.05999	0
72.2	1	1	1	0.37999	0	0.07	0	0.05999	0
234	1	0.31	1	0.33	0	0.05999	0	0.05999	0
547	1	3.7	1	0.36	0	0.15	1	0.05999	0
364	1	29.4	1	0.38999	0	1.3	1	0.05999	0
285	1	2.1	1	0.38999	0	0.36	1	0.23999	0
307	1	1.8	1	0.34999	0	0.34	1	0.07	0
980	1	0.62	0	0.34	0	0.25	1	0.05999	0
455	1	0.73	1	0.34999	0	0.07999	1	0.05999	0
109	1	1.49	1	1.11	1	0.07999	1	0.05999	0
128	1	0.68999	1	0.33	0	0.05999	0	0.05999	0
32.9	1	142	1	0.37	0	0.05999	0	0.05999	0
12	0	1.58	1	0.34	0	0.05999	0	0.05999	0
475	1	0.31	1	0.36	0	0.05999	0	0.05999	1
11.2	0	0.46	1	0.34999	0	0.07	1	0.05999	0
268	1	0.20999	1	0.34	0	0.49	1	0.05999	0
12.2	0	1.21	1	0.36	0	0.05999	0	0.05999	0
83.9	1	0.54	0	0.36	0	0.05999	0	0.05999	0
11.3	0	3.46	1	0.33	0	0.05999	0	0.05999	0
11.2	0	0.51999	0	0.37999	0	0.63999	1	0.05999	0
11.5	0	0.51999	0	0.34	0	0.07	0	0.05999	0
42.8	1	4.38	1	0.34	0	0.05999	0	0.05999	0
12.2	0	1.96	1	0.33	0	0.07999	1	0.05999	0
17.3	1	0.50999	1	0.33	0	1.3	1	0.05999	0
12.4	0	1.12	1	0.34999	0	0.10999	1	0.05999	0
83.1	1	1.1	1	0.37	0	0.31	1	0.07	0
39.4	1	0.34999	1	0.40999	0	0.21999	1	0.05999	0
77.1	1	0.52999	0	0.36	0	0.05999	0	0.05999	0
135	1	0.55	0	0.34	0	0.05999	0	0.05999	0
75.2	1	0.54	0	0.92	1	0.05	0	0.05999	0
12.1	0	0.63999	0	0.34999	0	0.05999	0	0.07	0
46.2	1	0.51999	0	1.13	1	0.05999	0	0.05999	0
21.4	1	0.54	0	0.38999	1	0.05999	0	0.05999	0
364	1	0.56999	1	0.34	0	0.05999	0	0.05999	0
509	1	0.57999	0	0.34	0	0.05999	0	0.05	0
124	1	0.66	0	0.34	0	0.05999	0	0.05999	0
295	1	0.63999	0	0.34999	0	0.05999	0	0.05999	0
244	1	0.62999	0	0.33	0	0.05999	0	0.05999	0
44.8	1	0.63999	0	0.36	0	0.05999	0	0.05999	0
635	1	4.24	1	0.36	0	0.05999	0	0.05999	0
252	1	34.3	1	0.36	0	0.05999	0	0.05999	0
110	1	0.93999	1	0.36	0	0.68	1	0.05999	0
12.9	0	0.6	0	0.36	0	0.07	0	0.05999	0
105	1	0.56	0	0.37999	0	0.05999	0	0.05999	0
243	1	0.56	0	4	1	0.05	0	0.05999	0
820	1	0.52999	0	0.38999	0	0.05	0	0.05999	0
175	1	0.61	0	0.37999	0	0.05	0	0.05999	0
38.9	1	2.47	1	0.36	0	0.05	0	0.07	0
18.8	1	0.56999	0	1.18	1	0.07	0	0.05999	0
34.6	1	0.56999	1	0.37	0	0.05999	0	0.05	0
484	1	0.57999	0	0.38999	0	0.05999	0	0.05	0
375	1	0.81999	1	0.58999	1	0.05	0	0.05	0

422	1		0.61	0	0.34	0	0.039	1	0.05	0
28.3	1		2.24	1	0.34	0	0.039	1	0.07	0
320	1		0.62	0	0.31999	0	0.039	1	0.05999	0
382	1		0.56999	0	0.34	0	0.039	1	0.05999	0
71.8	1		0.55	0	0.36	0	0.039	1	0.05	0
12.7	0		0.6	0	0.34	0	0.039	1	0.002	1
14.6	1		0.66	0	0.34999	0	0.039	1	0.072	0
11.3	0		0.54	0	0.34999	0	0.039	1	0.011	0
25.5	1		0.61	0	0.34	0	0.039	1	0.012	0
192	1		0.58999	0	0.33	0	0.039	1	0.011	0
69.9	1		0.64999	0	0.34	0	0.03	1	0.012	0
77.7	1		0.73	1	0.36	0	0.03	1	0.011	0
65.8	1		0.67	0	0.34	0	0.034	1	0.012	0
1040	1		3.26	1	0.37	0	0.03	1	0.011	0
61.2	1		0.57999	0	0.37	0	0.034	1	0.012	0
238	1		3.58	1	0.4	0	0.03	1	0.004	1
874	1		0.63999	0	0.37	0	0.03	1	0.011	0
48.4	1		4.28	1	0.31	0	0.039	1	0.039	1
19.8	1		0.54	0	0.3	0	0.03	1	0.039	1
2.35	1		14.6	1	0.31	0	0.03	1	0.039	1
86.5	1		20.6	1	0.31	0	0.03	1	0.039	1
101	1		19.6	1	0.38999	0	0.03	1	0.039	1
13.2	1		15.2	1	0.37999	0	0.03	1	0.039	1
630	1		9.97	1	0.33	0	0.03	1	0.039	1
97	1		13.5	1	0.33	0	0.03	1	0.039	1
71.4	1		85	1	0.41	0	0.03	1	0.039	1
62.9	1		61	1	6.8	0	0.03	1	0.03	1
125	1		9.01	1	0.049	1	0.03	1	0.03	1
17.6	1		9.48	1	0.4	0	0.03	1	0.034	1
17.5	1		27.9	1	0.35	0	0.03	1	0.03	1
11.4	0		0.63999	0	0.41	0	0.03	1	0.034	1
15.1	1		1.09	1	0.41	0	0.03	1	0.03	1
29.3	1		0.56	0	0.35	0	0.03	1	0.03	1
42.6	1		3.34	1	0.41	0	0.03	1	0.039	1
11.5	0		1.95	1	0.11	1	0.03	1	0.03	1
30.3	1		2.68	1	0.082	1	0.03	1	0.03	1
11.8	0		1.16	1	0.20445	1	0.03	1	0.03	1
13.7	1		0.70999	1	0.233	1	0.03	1	0.03	1
16.1	1		0.62999	0	0.233	1	0.03	1	0.03	1
152	1		3.16	1	0.233	1	0.03	1	0.03	1
12.5	1		12.5	1	13.6	1	0.03	1	0.03	1
119	1		3.65	1	0.233	1	0.03	1	0.03	1
638	1		5.1	1	6.52	1	0.03	1	0.03	1
11.3	0		1.56	1	0.181	1	0.03	1	0.03	1
43.1	1		0.58999	0	0.181	1	0.039	1	0.03	1
11.9	0		18.7	1	0.2045	1	0.03	1	0.03	1
196	1		19.5	1	0.181	1	0.039	1	0.03	1
12.8	0		0.56999	0	14.9	1	0.03	1	0.03	1
20.7	1		0.52999	1	0.181	1	0.039	1	0.03	1
11.2	0		0.64999	0	0.181	1	0.029	1	0.03	1
24.2	1		1.44	1	8.35	1	0.03	1	0.03	1
194	1		0.81999	1	0.181	1	0.061	1	0.03	1
99.2	1		9.17	1	0.181	1	0.055	1	0.03	1
39.5	1		6.2	1	4.24	1	0.061	1	0.03	1

12.2	0	5.82	1	0.181	1	0.0285	1	0.03	1
73.4	1	5.72	1	0.181	1	0.056	1	0.03	1
11.9	0	1.17	1	0.181	1	0.056	1	0.03	1
15.8	1	0.52999	0	0.181	1	0.0575	1	0.03	1
60.7	1	6.55	1	0.181	1	0.0575	1	0.03	1
33.2	1	2.14	1	0.181	1	0.058	1	0.03	1
20.9	1	3.86	1	0.181	1	0.0575	1	0.039	1
83.4	1	4.59	1	0.181	1	0.059	1	0.03	1
47.5	1	16.4	1	0.181	1	0.031	1	0.039	1
151	1	2.24	1	0.181	1	0.0565	1	0.03	1
305	1	10.9	1	0.181	1	0.033	1	0.039	1
316	1	0.56999	0	0.181	1	0.03	1	0.029	1
330	1	7.78	1	0.181	1	0.0485	1	0.03	1
313	1	18.3	1	0.181	1	0.063	1	0.061	1
253	1	0.56	0	0.181	1	0.072	1	0.055	1
61.9	1	2.01	1	0.181	1	0.0625	1	0.061	1
49.6	1	0.58999	0	0.181	1	0.072	1	0.0285	1
20.5	1	1.79	1	0.181	1	0.08	1	0.056	1
12.2	0	0.63999	0	0.181	1	0.0565	1	0.056	1
12	0	4.76	1	0.181	1	0.059	1	0.0575	1
117	1	0.56	0	0.181	1	0.077	1	0.0575	1
12.1	0	2.85	1	0.181	1	0.076	1	0.058	1
11.9	0	3.03	1	2.44	1	0.0655	1	0.0575	1
20.9	1	10.4	1	0.181	1	0.077	1	0.059	1
265	1	3.84	1	0.181	1	0.0695	1	0.031	1
13	0	2.21	1	19.9	1	0.024	1	0.0565	1
12.5	0	1.02	1	0.181	1	0.022	1	0.033	1
29.1	1	7.48	1	60.7	1	0.014	1	0.03	1
134	1	0.61	0	0.181	1	0.0115	1	0.0485	1
25	1	4.8	1	0.233	1	0.011	1	0.063	1
31.2	1	1.36	1	0.175	1	0.0115	1	0.072	1
19.8	1	0.75999	1	0.1785	1	0.012	1	0.0625	1
211	1	0.56999	0	0.366	1	0.0105	1	0.072	1
149	1	0.58999	0	0.3305	1	0.0115	1	0.08	1
297	1	10	1	0.365	1	0.0105	1	0.0565	1
420	1	1.16	1	0.1715	1	0.0105	1	0.059	1
12.2	0	2.9	1	0.3355	1	0.0105	1	0.077	1
124	1	6.54	1	0.335	1	0.011	1	0.076	1
143	1	3.65	1	0.344	1	0.031	1	0.0655	1
75.3	1	3.1	1	0.3465	1	0.011	1	0.077	1
265	1	1.4	1	0.349	1	0.011	1	0.0695	1
390	1	2.02	1	0.345	1	0.011	1	0.024	1
102	1	0.55	0	0.354	1	0.012	1	0.022	1
47.5	1	0.61	0	0.185	1	0.023	1	0.014	1
69.9	1	0.6	0	55.4	1	0.011	1	0.0115	1
45.8	1	4.06	1	0.198	1	0.011	1	0.011	1
481	1	0.6	0	0.18	1	0.011	1	0.0115	1
319	1	0.6	0	0.2905	1	0.012	1	0.012	1
15	1	0.91	1	0.379	1	0.011	1	0.0105	1
27.7	1	1.4	1	0.431	1	0.011	1	0.0115	1
12.4	0	0.64999	0	0.374	1	0.011	1	0.0105	1
35	1	0.62999	0	0.4325	1	0.012	1	0.0105	1
43	1	0.61	0	0.479	1	0.013	1	0.0105	1
28.5	1	0.62	0	0.3385	1	0.011	1	0.011	1

29.2	1	0.62	0	0.3545	1	0.0115	1	0.031	1
10.2	0	0.64999	0	0.4615	1	0.0115	1	0.011	1
12.6	1	0.6	0	0.4545	1	0.011	1	0.011	1
42.1	1	0.56999	0	0.3925	1	0.011	1	0.011	1
26.6	1	3.81	1	0.463	1	0.0115	1	0.012	1
22.2	1	0.98	1	0.4155	1	0.012	1	0.023	1
48.3	1	4.12	1	0.359	1	0.0105	1	0.011	1
13.4	1	0.63999	1	0.328	1	0.011	1	0.011	1
41.7	1	0.69999	1	0.2135	1	0.011	1	0.011	1
40.2	1	0.69999	1	0.169	1	0.012	1	0.012	1
12.8	0	1.76	1	0.165	1	0.023	1	0.011	1
96.5	1	3.41	1	0.1695	1	0.0265	1	0.011	1
10.9	0	1	1	0.177	1	0.011	1	0.011	1
71.6	1	3.47	1	0.156	1	0.0125	1	0.012	1
15	1	9.58	1	0.174	1	0.012	1	0.013	1
150	1	20.8	1	0.158	1	0.0115	1	0.011	1
2.6	1	11.9	1	0.159	1	0.0125	1	0.0115	1
2.2	1	3.41	1	0.1605	1	0.012	1	0.0115	1
4.6	1	3.6	1	0.162	1	0.0135	1	0.011	1
6.5	1	1.16	1	0.4675	1	0.01	1	0.011	1
53	1	4.64	1	0.168	1	0.012	1	0.0115	1
17	1	2.17	1	0.1645	1	0.012	1	0.012	1
240	1	2.36	1	0.1665	1	0.0125	1	0.0105	1
75	1	4.52	1	0.182	1	0.0115	1	0.011	1
36	1	2.26	1	4.22	1	0.012	1	0.011	1
27	1	2.48	1	0.1625	1	0.012	1	0.012	1
500	1	0.50999	0	0.1635	1	0.012	1	0.023	1
83	1	0.51999	1	0.167	1	0.0115	1	0.0265	1
710	1	3.68	1	0.1775	1	0.0305	1	0.011	1
350	1	1	1	0.1625	1	0.0305	1	0.0125	1
430	1	0.89999	1	0.162	1	0.11599	1	0.012	1
1200	1	1.98	1	0.1675	1	0.0125	1	0.0115	1
690	1	0.50999	0	0.1795	1	0.078	1	0.0125	1
700	1	0.89999	1	0.194	1	0.0125	1	0.012	1
6.7	1	1.32	1	0.1665	1	0.586	1	0.0135	1
390	1	0.86	1	0.173	1	0.0125	1	0.01	1
1100	1	4.91	1	0.1745	1	0.0115	1	0.012	1
66	1	0.54	0	0.163	1	0.012	1	0.012	1
320	1	1.67	1	0.1655	1	0.0115	1	0.0125	1
7	0	0.41999	1	0.171	1	0.0115	1	0.0115	1
8	0	26	1	0.182	1	0.014	1	0.012	1
5	0	0.052	1	0.159	1	0.013	1	0.012	1
20	0	0.49	1	0.162	1	0.013	1	0.012	1
7	0	0.12999	1	0.163	1	0.14	1	0.0115	1
75	1	0.37999	1	0.182	1	0.0115	1	0.0305	1
75	1	1.6	1	0.3455	1	0.0115	1	0.0305	1
3.02	1	2.2	1	0.396	1	0.089	1	0.0125	1
13.3	1	0.93999	1	0.1685	1	0.0105	1	0.0125	1
3.02	1	7.1	1	0.1545	1	0.011	1	0.0125	1
3.02	1	1.12	1	0.185	1	0.0105	1	0.0125	1
3.02	1	0.56999	0	0.19	1	0.011	1	0.0125	1
3.02	1	2.84	1	0.182	1	0.0105	1	0.0125	1
3.02	1	4.08	1	0.171	1	0.011	1	0.0115	1
3.02	1	0.82999	1	0.187	1	0.011	1	0.012	1

3.02	1	0.58999	0	0.1835	1	0.011	1	0.0115	1
3.02	1	4.54	1	0.206	1	0.0145	1	0.0115	1
3.02	1	0.83999	0	0.1535	1	0.0115	1	0.014	1
3.02	1	1.09	1	0.183	1	0.0115	1	0.013	1
3.02	1	0.62999	0	0.177	1	0.012	1	0.013	1
3.02	1	9.57	1	0.189	1	0.0295	1	0.0135	1
3.02	1	0.5	0	0.1695	1	0.097	1	0.0115	1
3.02	1	1.05	1	0.177	1	0.028	1	0.0115	1
3.02	1	0.54	1	0.18	1	0.029	1	0.013	1
3.02	1	2.42	1	0.1765	1	0.0285	1	0.0105	1
250	1	0.5	0	0.1735	1	0.209	1	0.011	1
3.02	1	1.01	1	0.182	1	0.0285	1	0.0105	1
67.6	1	0.64999	1	0.183	1	0.39399	1	0.011	1
170	1	0.54	0	0.189	1	0.028	1	0.0105	1
3.02	1	0.55	0	0.1895	1	0.027	1	0.011	1
14.5	1	0.55	0	0.1875	1	0.086	1	0.011	1
3.02	1	78.2	1	0.184	1	0.0265	1	0.011	1
3.02	1	56.9	1	0.188	1	0.25999	1	0.0145	1
3.02	1	4.28	1	0.186	1	0.027	1	0.0115	1
3.02	1	0.56999	0	0.1715	1	0.028	1	0.0115	1
3.02	1	2.1	1	0.178	1	0.759	1	0.012	1
31.4	1	15.4	1	0.1705	1	0.03	1	0.0295	1
3.02	1	44.1	1	0.1695	1	0.0315	1	0.0315	1
3.02	1	1.6	1	0.46999	1	0.027	1	0.028	1
242	1	2.6	1	0.194	1	0.0275	1	0.029	1
280	1	0.25999	0	0.194	1	0.029	1	0.0285	1
3.02	1	0.27	0	4.65	1	0.028	1	0.0335	1
3.02	1	0.31	0	0.175	1	0.0285	1	0.0285	1
3.02	1	0.25	0	0.1695	1	0.028	1	0.0505	1
7.25	1	7.8	1	1.984	1	0.0285	1	0.028	1
3.02	1	0.27	1	0.158	1	0.028	1	0.027	1
342	1	0.98	1	0.165	1	0.028	1	0.028	1
3.02	1	0.68	1	0.158	1	0.0285	1	0.0265	1
14.5	1	0.03999	1	0.1625	1	0.0285	1	0.013	1
8.45	1	18	1	0.1575	1	0.0275	1	0.027	1
12.1	1	74	1	0.1625	1	0.0275	1	0.028	1
8.45	1	86	1	0.1625	1	0.032	1	0.03	1
3.02	1	4.2	1	0.1655	1	0.0315	1	0.03	1
36.2	1	3.1	1	0.2145	1	0.0325	1	0.068	1
101	1	10	1	0.1715	1	0.027	1	0.027	1
13.3	1	0.94999	1	0.1695	1	0.027	1	0.0275	1
82.1	1	4.2	1	0.1775	1	0.0295	1	0.029	1
3.02	1	1.7	1	0.1755	1	0.027	1	0.028	1
10.87	1	4.8	1	0.1885	1	0.0275	1	0.0285	1
3.02	1	0.55	1	0.169	1	0.027	1	0.028	1
3.02	1	3.1	1	0.1745	1	0.0285	1	0.0285	1
3.02	1	0.33	1	0.172	1	0.027	1	0.028	1
3.02	1	0.63999	1	0.1995	1	0.027	1	0.028	1
39.9	1	0.11999	0	0.85	1	0.0265	1	0.0285	1
3.02	1	0.86	1	0.3045	1	0.0265	1	0.0285	1
3.02	1	0.23999	1	0.87999	1	0.0275	1	0.0275	1
3.02	1	0.10999	0	0.161	1	0.0265	1	0.0275	1
3.02	1	0.12999	0	0.167	1	0.027	1	0.032	1
3.02	1	82	1	0.158	1	0.027	1	0.0315	1

3.02	1	34	1	0.1945	1	0.027	1	0.0325	1
3.02	1	0.302	1	0.162	1	0.03	1	0.027	1
9.66	1	0.302	1	0.167	1	0.287	1	0.027	1
9.66	1	0.302	1	14.5	1	0.03	1	0.0295	1
3.02	1	0.302	1	0.1815	1	0.03	1	0.027	1
42.3	1	0.302	1	0.66	1	0.03	1	0.0275	1
18.1	1	0.302	1	0.161	1	0.0285	1	0.027	1
3.02	1	0.302	1	0.1635	1	0.0275	1	0.0285	1
3.02	1	0.302	1	0.1735	1	0.0285	1	0.027	1
3.02	1	0.302	1	0.167	1	0.0305	1	0.027	1
9.66	1	0.302	1	0.171	1	0.0285	1	0.0265	1
341	1	0.302	1	0.1665	1	0.027	1	0.0265	1
30.2	1	0.302	1	0.17	1	1.53	1	0.0275	1
124	1	0.302	1	0.1685	1	0.0275	1	0.0265	1
200	1	0.302	1	0.1675	1	0.135	1	0.027	1
22.9	1	0.302	1	0.343	1	0.03	1	0.027	1
32.6	1	0.302	1	0.171	1	0.0305	1	0.027	1
20.5	1	0.302	1	0.164	1	0.0295	1	0.03	1
10.9	1	0.302	1	0.164	1	0.029	1	0.0305	1
3.02	1	0.302	1	0.99	1	0.029	1	0.03	1
66.4	1	0.302	1	0.189	1	0.029	1	0.03	1
3.02	1	0.302	1	0.195	1	0.029	1	0.03	1
3.02	1	0.302	1	0.1615	1	0.0285	1	0.0285	1
9.66	1	0.302	1	0.162	1	0.03	1	0.0275	1
464	1	0.302	1	0.75	1	0.0305	1	0.0285	1
49.5	1	0.302	1	0.1605	1	0.0305	1	0.0305	1
32.6	1	0.302	1	0.37	1	0.029	1	0.0285	1
16.9	1	0.302	1	0.161	1	0.029	1	0.027	1
99	1	0.302	1	0.1725	1	0.03	1	0.0285	1
74.9	1	0.302	1	0.163	1	0.10899	1	0.0275	1
3.02	1	0.302	1	0.163	1	0.0285	1	0.135	1
3.02	1	8.21	1	0.1595	1	0.03	1	0.03	1
3.02	1	0.302	1	0.1575	1	0.03	1	0.0305	1
3.02	1	0.302	1	0.1655	1	0.367	1	0.0295	1
3.02	1	0.302	1	0.16	1	0.028	1	0.029	1
3.02	1	0.302	1	0.163	1	0.031	1	0.029	1
3.02	1	1.33	1	0.1625	1	0.028	1	0.029	1
3.02	1	0.302	1	0.162	1	0.0295	1	0.029	1
3.02	1	0.302	1	0.181	1	0.558	1	0.0285	1
62.8	1	0.302	1	0.18	1	0.28999	1	0.03	1
3.02	1	0.302	1	0.1805	1	0.0275	1	0.0305	1
130	1	0.302	1	0.172	1	0.0285	1	0.0305	1
3.02	1	0.302	1	0.1655	1	0.0315	1	0.029	1
199	1	0.725	1	0.172	1	0.028	1	0.029	1
3.02	1	0.845	1	3.641	1	0.0295	1	0.03	1
216	1	37.4	1	0.43	1	0.0295	1	0.0305	1
10.9	1	0.302	1	2.17	1	0.029	1	0.0285	1
74.9	1	3.02	1	14	1	0.26199	1	0.03	1
151	1	1.57	1	0.165	1	0.115	1	0.03	1
3.02	1	1.33	1	93.6	1	0.228	1	0.0315	1
14.5	1	2.42	1	0.18	1	1.3	1	0.028	1
42.3	1	0.302	1	0.18	1	0.06899	1	0.031	1
357	1	0.302	1	0.175	1	1.17	1	0.028	1
264	1	0.302	1	0.175	1	0.03	1	0.0295	1

1440	1	0.302	1	0.175	1	0.027	1	0.031	1
467	1	2.42	1	0.175	1	2.02	1	0.0295	1
2510	1	3.38	1	0.175	1	0.0255	1	0.0275	1
3.4075	1	33.3	1	0.17	1	0.0285	1	0.0285	1
3.02	1	0.302	1	13.9	1	0.029	1	0.0315	1
3.02	1	7.97	1	0.18	1	0.029	1	0.028	1
173	1	0.302	1	0.38999	1	0.026	1	0.0295	1
7.37	1	3.02	1	0.175	1	0.0255	1	0.0295	1
3.88	1	0.725	1	0.175	1	0.0265	1	0.029	1
3.88	1	6.28	1	0.18	1	0.0255	1	0.029	1
3.88	1	1.45	1	0.18	1	0.025	1	0.028	1
3.88	1	18.6	1	0.17	1	0.0255	1	0.028	1
3.88	1	21.5	1	0.18	1	0.03	1	0.0305	1
3.88	1	4.95	1	0.18	1	0.0285	1	0.0265	1
9.26	1	1.57	1	6.05	1	0.026	1	0.0295	1
3.88	1	1.21	1	0.17	1	1.34	1	0.03	1
3.88	1	0.302	1	0.185	1	0.1515	1	0.027	1
477	1	0.302	1	0.17	1	9.61	1	0.0295	1
467	1	1.21	1	0.355	1	0.027	1	0.0255	1
483	1	12.9	1	24.3	1	0.0275	1	0.0285	1
68.7	1	4.95	1	6.51	1	0.026	1	0.029	1
3.02	1	1.93	1	2.98	1	0.027	1	0.029	1
3.02	1	0.966	1	1.3	1	0.0255	1	0.026	1
475	1	1.93	1	0.19	1	0.0275	1	0.0255	1
87.8	1	2.42	1	0.17	1	0.0275	1	0.0265	1
169	1	1.21	1	0.18	1	0.0275	1	0.0255	1
39.3	1	0.302	1	0.18	1	0.0265	1	0.025	1
8.62	1	0.302	1	0.175	1	0.028	1	0.0255	1
15.7	1	0.302	1	0.175	1	0.0275	1	0.03	1
222	1	2.42	1	0.17	1	0.0275	1	0.0285	1
58.9	1	0.966	1	3.39	1	0.0265	1	0.026	1
115	1	0.302	1	5.56	1	0.027	1	0.028	1
3.02	1	0.302	1	0.16	1	0.026	1	0.1515	1
94.7	1	3.02	1	22.1	1	0.027	1	0.1385	1
6.24	1	0.966	1	0.18	1	0.0275	1	0.027	1
9.19	1	1.69	1	0.16	1			0.0275	1
20.3	1	0.302	1	18.8	1			0.026	1
115	1	10.7	1	0.155	1			0.027	1
8.21	1	3.38	1	0.17	1			0.0255	1
13.6	1	0.302	1	0.175	1			0.0275	1
11	1	0.302	1	0.175	1			0.0275	1
8.67	1	0.302	1	0.155	1			0.0275	1
11.5	1	0.302	1	0.155	1			0.0265	1
9.11	1	0.302	1	0.16	1			0.028	1
43.7	1	0.302	1	3.035	1			0.0275	1
10.9	1	0.302	1	3.025	1			0.0275	1
698	1	0.302	1	3.07	1			0.0265	1
6.45	1	0.302	1	0.18	1			0.027	1
216	1	1.09	1	34.7	1			0.026	1
50.8	1	0.302	1	0.16	1			0.027	1
7.66	1	1.81	1	10.1	1			0.0275	1
8.53	1	0.302	1	26.8	1				
8.14	1	9.66	1	81.4	1				
6.21	1	0.302	1	0.16	1				

9.3	1	9.66	1	0.165	1
7.97	1	2.42	1	1.56	1
16.5	1	29	1	0.16	1
2.915	1	2.17	1	0.155	1
2.975	1	0.302	1	0.165	1
22.7	1	0.845	1	0.165	1
74.7	1	1.09	1	0.165	1
6.1	1	1.81	1	0.16	1
13.7	1	0.725	1	1.665	1
94.8	1	2.63	1	0.165	1
127	1	1.14	1	0.165	1
107	1	9.47	1	0.16	1
126	1	0.34075	1	0.165	1
110	1	73.8	1	0.155	1
198	1	14.7	1	0.16	1
126	1	10.5	1	0.165	1
3.085	1	17.8	1		
69.9	1	0.388	1		
40.7	1	0.388	1		
17.9	1	4.35	1		
256	1	0.388	1		
147	1	0.388	1		
7.2	1	0.388	1		
319	1	4.69	1		
56.8	1	0.388	1		
96.8	1	0.79199	1		
178	1	4.24	1		
159	1	2.3	1		
38.2	1	5.54	1		
76.4	1	8.46	1		
6.55	1	7.13	1		
24.3	1	5.29	1		
6.95	1	38.8	1		
192	1	0.302	1		
379	1	0.302	1		
188	1	0.302	1		
229	1	0.302	1		
44.4	1	0.302	1		
32.4	1	0.302	1		
92.1	1	0.725	1		
60.2	1	0.302	1		
16.3	1	0.302	1		
14.5	1	0.302	1		
64.9	1	0.302	1		
18	1	0.302	1		
13.6	1	4.53	1		
50.8	1	0.302	1		
206	1	0.302	1		
122	1	0.302	1		
16.7	1	0.302	1		
83.7	1	0.302	1		
288	1	0.302	1		
11.6	1	0.302	1		
12.4	1	0.302	1		

2.785	1	0.302	1
8.35	1	6.41	1
8.18	1	0.302	1
9.98	1	3.51	1
14.1	1	0.302	1
15.9	1	0.302	1
232	1	0.302	1
31	1	0.388	1
63.6	1	0.302	1
13.2	1	0.388	1
7.49	1	0.302	1
28.7	1	0.388	1
8.75	1	0.2915	1
6.09	1	0.2975	1
2.651	1	7.49	1
2.7025	1	8.59	1
6.31	1	0.61	1
3.0305	1	0.2855	1
166	1	0.56	1
56.9	1	0.56	1
6.21	1	0.575	1
69.1	1	0.58	1
10.1	1	0.58	1
12	1	0.575	1
13.8	1	0.59	1
17.8	1	2.58	1
3.117	1	0.565	1
3.06	1	0.87	1
3.434	1	0.3	1
221	1	0.4845	1
3.0525	1	0.63	1
2.948	1	0.72	1
49.1	1	0.625	1
148	1	0.72	1
109	1	3.1	1
42.4	1	0.565	1
2.9445	1	2.79	1
8.06	1	2.89	1
19	1	0.76	1
3.049	1	0.655	1
6.37	1	0.77	1
11.4	1	2.24	1
20.2	1	0.6	1
12.8	1	0.545	1
11.8	1	0.3555	1
17.5	1	0.2815	1
36.2	1	0.2755	1
86.7	1	0.283	1
13.7	1	3.09	1
10.9	1	0.58999	1
145	1	0.2905	1
54.1	1	0.263	1
14.4	1	0.2655	1
101	1	0.2675	1

332	1	0.2695	1
62.4	1	0.78	1
155	1	0.2805	1
39.7	1	0.2745	1
44.2	1	0.2775	1
65.8	1	0.3035	1
2.7055	1	0.575	1
73.9	1	0.2705	1
9.01	1	0.2725	1
69.3	1	0.2785	1
14.6	1	0.296	1
375	1	0.271	1
2.8605	1	0.27	1
80.4	1	0.279	1
2.962	1	0.299	1
34	1	0.3235	1
71.9	1	0.278	1
8.99	1	0.288	1
47.8	1	0.75999	1
25.2	1	0.2715	1
228	1	0.86	1
111	1	0.285	1
135	1	0.3035	1
120	1	0.265	1
11.6	1	0.2705	1
12	1	0.272	1
5.4	1	0.303	1
3.2385	1	9.01	1
27.7	1	0.66	1
46.2	1	0.2805	1
1150	1	1.73	1
212	1	0.3085	1
640	1	0.317	1
2.6795	1	0.303	1
48.7	1	0.2845	1
6.69	1	0.3115	1
112	1	0.306	1
6.03	1	0.3435	1
88.6	1	0.2555	1
2.8315	1	0.3055	1
60.3	1	0.295	1
11.2	1	5.09	1
368	1	10.7	1
109	1	11.5	1
84.5	1	0.3	1
65.8	1	0.2945	1
14.6	1	0.2895	1
44.1	1	0.303	1
138	1	0.305	1
47.2	1	0.3155	1
2.697	1	1.23	1
108	1	1.49	1
39.3	1	1.25	1
121	1	1.08	1

28	1	0.31	1
26.2	1	5.31	1
31	1	4.67	1
36.1	1	0.2845	1
25.8	1	0.282	1
31	1	3.59	1
33.1	1	0.323	1
36.2	1	0.3235	1
57	1	1.17	1
52.4	1	0.292	1
2.697	1	2.68	1
38.2	1	1.23	1
194	1	0.69999	1
31.2	1	0.275	1
109	1	0.2635	1
130	1	0.2705	1
219	1	0.263	1
29	1	0.271	1
14.4	1	0.271	1
153	1	0.2755	1
291	1	6.25	1
170	1	1.42	1
1210	1	4.33	1
12.2	1	0.296	1
14.5	1	1.7	1
1990	1	0.3145	1
24.9	1	0.282	1
11.1	1	8.71	1
51.6	1	1.49	1
144	1	1.48	1
2.875	1	2.68	1
77.9	1	8.58	1
43.2	1	0.28	1
58	1	0.268	1
2.975	1	0.68999	1
14.7	1	1.59	1
174	1	0.324	1
416	1	1.37	1
39	1	1.07	1
49.5	1	4.43	1
6.16	1	1.19	1
37.6	1	1.79	1
20.8	1	0.86	1
14.9	1	0.2725	1
71.9	1	0.2895	1
10.1	1	0.75	1
7.37	1	0.285	1
2.825	1	0.278	1
45.5	1	0.283	1
7.71	1	0.57999	1
8.33	1	1.15	1
70.4	1	0.2855	1
75.9	1	0.2845	1
105	1	0.2735	1

47.1	1	0.273	1
9.61	1	0.321	1
25	1	1.05	1
16.9	1	5.25	1
275	1	0.269	1
64.5	1	0.2695	1
316	1	0.70999	1
133	1	0.2675	1
87.3	1	0.2725	1
212	1	0.268	1
2.875	1	0.2875	1
13	1	0.272	1
10.5	1	0.2715	1
3.025	1	0.266	1
30	1	0.263	1
20.2	1	0.276	1
2.98	1	0.2665	1
2.7	1	0.2715	1
10.2	1	0.2705	1
192	1	0.2695	1
262	1	0.70999	1
8.64	1	1.64	1
35.4	1	4.98	1
6.23	1	0.91	1
13.7	1	0.301	1
10.8	1	0.2865	1
16.8	1	0.287	1
11	1	0.276	1
132	1	1.17	1
276	1	0.3035	1
91	1	3.71	1
29.3	1	1.74	1
180	1	0.2865	1
14.3	1	0.87	1
2.815	1	12.3	1
36.9	1	1	1
20.6	1	5.74	1
7.92	1	1.55	1
2.73	1	0.305	1
374	1	0.3	1
2.695	1	0.305	1
10	1	2.23	1
2.73	1	2.87	1
2.76	1	0.29	1
2.74	1	14.4	1
6.21	1	3.04	1
149	1	1.17	1
2.765	1	0.81999	1
9.63	1	0.305	1
2.665	1	1.28	1
8.62	1	0.77999	1
7.38	1	0.29	1
255	1	17	1
2.675	1	2.01	1

302	1		6.21	1
			0.3	1
			0.3	1
			24.6	1
			4.49	1
			0.75999	1
			0.285	1
			0.295	1
			0.31	1
			0.79	1
			0.275	1
			0.285	1
			13.6	1
			0.81999	1
			0.295	1
			1.13	1
			0.29	1
			1.02	1
			3.09	1
			0.29	1
			14.8	1
			4.74	1
			0.305	1
			0.265	1
			4.08	1
			0.3	1
			0.27	1
			0.295	1
			9.44	1
			14	1
			3.66	1
			4.61	1
			0.29	1
			0.29	1
			1.52	1
			0.255	1
			3.94	1
			0.255	1
			0.25	1
			0.255	1
			0.3	1
			6.62	1
			0.265	1
			16.6	1
			12.7	1
			0.56999	1
			1.43	1
			5.43	1
			0.58999	1
			6.05	1
			0.86	1
			1.27	1
			1.78	1
			0.81	1

0.8	1
0.28	1
0.275	1
0.275	1
1.5	1
17.6	1
0.26	1
1.4	1
0.72	1

Arsenic	D_Arsenic	Benzo(a)ar	D_Benzo(a)a	Benzo(a)pyr	D_Benzo(a)p	Benzo(b)flu	D_Benzo(b)	Chromium	D_Chromiu	Dibenzo(a,h)ar	D_Dibenzo(a,h	Lead	D_Lead	Mercury	D_Mercury
1.3	1	0.064	1	0.072	1	0.051	1	3.8	1	0.05	1	62.9	1	0.227	1
1.7	1	0.37999	0	0.37999	0	0.37999	0	5	1	0.37999	0	12.6	0	0.62999	0
1	0	0.33	0	0.33	0	0.33	0	1.7	1	0.33	0	133	1	0.55	0
		0.36	0	0.36	0	0.36	0			0.36	0	11.8	0	0.58999	0
		0.76999	1	1.34	1	0.66	1			0.31999	1	69.3	1	0.51999	0
		0.34	0	0.34	0	0.34	0			0.34	0	11.5	0	0.56999	0
		0.33	0	0.33	0	0.33	0			0.33	0	32.5	1	0.54	0
		0.37	0	0.37	0	0.37	0			0.37	0	12.4	0	0.62	0
		0.33	0	0.33	0	0.33	0			0.33	0	3155	1	1.67	1
		0.37999	0	0.37999	0	0.37999	0			0.37999	0	14	1	0.63999	0
		0.06	1	0.076	1	0.11	1			0.35	0	50.4	1	0.0909	1
		0.34999	0	0.34999	0	0.34999	0			0.34999	0	11.6	0	0.57999	0
		0.34	0	0.34	0	0.34	0			0.34	0	11.3	0	0.56	0
		0.36	0	0.36	0	0.36	0			0.36	0	88.4	1	0.58999	0
		0.33	0	0.33	0	0.33	0			0.33	0	11.1	0	0.55	0
		0.34999	0	0.34999	0	0.34999	0			0.34999	0	11.7	0	0.57999	0
		0.34999	0	0.34999	0	0.34999	0			0.34999	0	11.8	0	0.58999	0
		0.34999	0	0.34999	0	0.34999	0			0.34999	0	11.8	0	0.58999	0
		0.026	1	0.029	1	0.35	0			0.35	0	11.8	1	0.054	0
		0.37	0	0.37	0	0.37	0			0.37	0	12.4	0	0.62	0
		0.5	1	1.37	1	1.38	1			0.34	0	11.3	0	0.56	0
		0.6	1	0.76999	1	1.15	1			0.36	0	12.2	0	0.61	0
		0.92	1	0.33	0	2.18	1			0.33	0	11	0	0.55	0
		0.38999	0	0.38999	0	0.38999	0			0.38999	0	13	0	0.64999	0
		0.37999	0	0.37999	0	0.37999	0			0.37999	0	112	1	0.62999	0
		0.37	0	0.37	0	0.37	0			0.37	0	144	1	0.62	0
		0.38999	0	0.38999	0	0.38999	0			0.38999	0	232	1	0.63999	0

Aroclor-1260	D_Aroclor-1260	Aroclor-1268	D_Aroclor-126	Arsenic	D_Arsenic	Benzo(a)anth	D_Benzo(a)a	Benzo(a)pyr	D_Benzo(a)p	Benzo(b)fluc	D_Benzo(b)f	Benzo(b/k)flu	D_Benzo(b/k)	bis(2-Ethylhe	D_bis(2-Ethy	Chromium	D_Chromiu
0.024	0	0.051	1	0.34999	1	0.027	1	0.051	1	0.03	1	1.6	1	7.00E-03	0	1.74	1
0.015	0	0.021	1	0.27	1	0.0017	1	0.00209	1	0.0036	1	9.8	0	0.007	0	1.95	1
0.023	0	0.042	1	0.44999	1	0.0064	1	0.011	1	0.015	1	8.1	0	7.00E-03	0	5.4	1
0.018	0	0.065	1	0.5	1	0.046	1	0.057	1	0.051	1	9.1	0	7.00E-03	0	2.63	1
0.06	0	0.18	1	0.27	1	0.037	1	0.04	1	0.065	1	9.8	0	0.017	1	2.7	1
0.098	0	0.24	1	0.37	1	0.00048	0	0.0018	1	0.00025	0	7.1	0	7.00E-03	0	2.11	1
0.13	0	0.57	1	0.28	1	0.21	1	0.44	1	0.69	1	13	0	0.41	1	2.09	1
0.0017	0	0.21	1	1.23	1	3.40E-03	1	3.30E-03	1	4.70E-03	1	7.8	0	7.00E-03	0	3.46	1
0.0017	0	0.16	1	0.32	1	1.70E-03	0	1.70E-03	0	1.20E-03	0	8.7	0	3.80E-02	1	2	1
0.00209	*0*	*0.039*	*1*	*1.65*	*1*	*2.20E-03*	*1*	*2.60E-03*	*1*	*3.50E-03*	*1*	*5.9*	*0*	*1.30E-02*	*1*	*12.5*	*1*
0.013	0	0.03299	1	0.38	1	1.70E-03	0	1.70E-03	0	1.20E-03	0	0.99	1	0.53	1	1.9	1
0.013	0	0.019	1	0.45	1	7.70E-03	1	9.60E-03	1	1.50E-02	1	5.9	0	8.3	0	3.13	1
2.10E-03	0	0.034000002	1	0.3	1	1.30E-02	1	1.90E-02	1	1.30E-02	1	8.5	0	9.8	0	2.51	1
2.10E-03	*0*	*5.60E-03*	*1*	*0.63999*	*1*	*8.60E-02*	*1*	*8.80E-02*	*1*	*0.23*	*1*	*7.1*	*0*	*8.1*	*0*	*2.2*	*1*
4.20E-03	0	5.20E-03	1	4	0	5.10E-03	1	6.90E-03	1	1.20E-02	1	8.5	0	9.1	0	2.6	1
2.10E-03	0	2.10E-03	0	4	0	4.50E-02	1	6.10E-02	1	9.40E-02	1	8.3	0	9.8	0	3.7	1
2.70E-02	1	1.60E-02	0	4	0	2.10E-03	1	3.30E-03	1	5.50E-03	1	9.3	0	7.1	0	4.4	1
5.90E-03	0	2.30E-03	1	4	0	0.34	0	0.34	0	0.34	0	8.3	0	13	0	3.7	1
8.70E-02	1	0.100000001	1	2	0	0.97	1	0.68	0	0.68	0	9.8	0	7.8	0	3.8	1
2.10E-03	0	2.10E-03	0	2	0	0.37	0	0.37	0	0.37	0	0.35	0	8.7	0	3.1	1
3.70E-02	1	9.20E-02	1	1.5	0	0.36	0	0.36	0	0.36	0	0.35	0	5.9	0	6.3	1
2.10E-03	0	1.10E-02	1	2	0	0.36	0	0.36	0	0.36	0	0.36	0	7.6	0	4.1	1
0.0428	0	0.104	1	2.2	1	0.31999	0	0.31999	0	0.38999	1	0.29	1	5.9	0	8.2	1
2.25	0	2.25	0	1.5	0	0.41999	1	0.36	0	0.36	0	0.35	0	8.5	0	2.6	1
2.27	0	2.27	0	1.5	0	0.34	0	0.34	0	0.34	0	0.11	1	7.1	0	4.4	1
2.45	0	2.45	0	1.5	0	0.37999	0	0.37999	0	0.37999	0	0.26	1	8.5	0	4.5	1
2.38	0	2.38	0	3.5	1	0.31999	0	0.31999	0	0.31999	0	0.1	1	8.3	0	5.4	1
2.43	0	2.43	0	1.5	0	0.34	0	0.34	0	0.34	0	0.35	0	9.3	0	3.8	1
2.16	0	2.16	0	3	0	0.31999	0	0.31999	0	0.31999	0	0.35	0	8.3	0	3.1	1
2.4	0	2.4	0	1.5	0	0.33	0	0.33	0	0.33	0	0.36	0	9.8	0	3	1
2.28	0	2.28	0	1.5	0	0.35	0	0.71	0	0.35	0	0.38	0	0.35	0	3.3	1
2.5	0	2.5	0	1.5	0	0.33	0	0.33	0	0.33	0	0.42	0	0.35	0	2.5	1
2.14	0	2.14	0	2.4	1	0.34	0	0.34	0	0.34	0	0.36	0	0.36	0	5.9	1
2.19	0	2.19	0	1.6	0	0.34	0	0.34	0	0.34	0	0.37	0	0.36	0	2.4	1
2.13	0	2.13	0	2.9	1	0.33	0	0.33	0	0.33	0	0.36	0	0.35	0	6.6	1
2.17	0	2.17	0	1.5	0	0.33	0	0.33	0	0.33	0	0.068	1	0.36	0	4.2	1
0.035	0	0.035	0	2.8	1	0.33	0	0.33	0	0.33	0	0.36	0	0.35	0	17	1
2.17	0	2.17	0	1.7	0	1.3	1	8.3	0			0.33	1	0.36	0	4.1	1
2.21	0	2.21	0	3	0	9.8	0	9.8	0			0.41	0	0.35	0	4.9	1
2.43	0	2.43	0	1.7	0	8.1	0	8.1	0			0.18	1	0.35	0	4.5	1
2.21	0	2.21	0			9.1	0	9.1	0			0.39	0	0.36	0		
2.26	0	2.26	0			9.8	0	9.8	0					0.65	0		
2.28	0	2.28	0			7.1	0	7.1	0					0.42	0		
2.27	0	2.27	0			13	0	13	0					0.36	0		
2.18	0	2.18	0			7.8	0	7.8	0					1.8	1		
2.17	0	2.17	0			8.7	0	8.7	0					0.36	0		

2.19	0	2.19	0	5.9	0	5.9	0	46	1
2.12	0	2.12	0	0.92	1	0.8	1	0.36	0
0.035	0			5.9	0	5.9	0	0.42	0
0.035	0			8.5	0	8.5	0	0.41	0
0.036	0			7.1	0	7.1	0	0.36	0
0.036	0			1	1	1.3	1	0.39	0
0.035	0			8.3	0	8.3	0		
0.036	0			9.3	0	9.3	0		
0.035	0			8.3	0	8.3	0		
0.036	0			9.8	0	9.8	0		
0.035	0			0.35	0	0.35	0		
0.035	0			0.35	0	0.35	0		
0.036	0			0.36	0	0.36	0		
0.038	0			0.1	1	0.22	1		
0.24	1			0.35	0	0.35	0		
0.036	0			0.047	1	0.075	1		
0.3	1			0.09	1	0.12	1		
0.036	0			0.36	0	0.36	0		
0.9	1			0.35	0	0.35	0		
0.036	0			0.35	0	0.35	0		
0.85	1			0.36	0	0.36	0		
0.041	0			0.38	0	0.38	0		
0.47	0			0.42	0	0.42	0		
0.039	0			0.36	0	0.36	0		
				0.37	0	0.37	0		
				0.36	0	0.36	0		
				0.38	0	0.49	1		
				0.36	0	0.36	0		
				0.15	1	0.17	1		
				0.41	0	0.41	0		
				0.36	0	0.082	1		
				0.39	0	0.39	0		

Dibenzo(a,h)a	D_Dibenzo(a,h	Indeno(1,2,3-c	D_Indeno(1,2,	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercury	Vanadium	D_Vanadium
0.0096	1	0.025	1	797	1	20.3	1	0.114	1	5.64	1
0.00066	1	0.0022	1	803	1	10.4	1	0.055	1	4.26	1
0.0033	1	0.01	1	2250	1	12.3	1	0.0989	1	5.84	1
0.025	1	0.075	1	1780	1	58.1	1	0.092	1	12.3	1
0.018	1	0.069	1	1470	1	43.8	1	0.372	1	4.09	1
0.00028	0	0.0058	1	1720	1	44.8	1	0.0855	1	2.11	1
0.068	1	0.24	1	1290	1	28.3	1	0.195	1	2.69	1
1.50E-03	0	2.10E-03	1	2380	1	34.6	1	0.261	1	6.88999987	1
1.50E-03	0	1.50E-03	0	1520	1	22.5	1	0.168	1	1.82000005	1
1.50E-03	0	2.20E-03	1	2090	1	11.6	1	0.302	1	3.25999999	1
1.50E-03	0	1.50E-03	0	1850	1	9.74	1	0.602	1	1.65999997	1
3.10E-03	1	8.20E-03	1	1940	1	44.6	1	0.0289	1	4.44999981	1
8.60E-03	1	8.20E-03	1	1500	1	21.4	1	9.31E-02	1	1.99000001	1
1.90E-02	1	8.30E-02	1	1530	1	4.1	1	2.00E-02	1	9.10000038	1
2.10E-03	1	5.30E-03	1	4200	1	7.84	1	3.52E-02	1	2.30999994	1
1.80E-02	1	4.50E-02	1	3400	1	3.85	1	6.80E-03	1	7.05000019	1
1.50E-03	0	2.90E-03	1	5200	1	63.4	1	4.90E-02	1	2.04999995	1
0.34	0	0.34	0	1100	1	42.8	1	0.0223	1	4.5	1
0.68	0	0.68	0	1700	1	40.2	1	9.80E-02	1	6.8	1
0.37	0	0.37	0	1300	1	30.4	1	1.98E-02	1	9.2	1
0.36	0	0.36	0	3000	1	34.9	1	0.218	1	9.8	1
0.36	0	0.36	0	1900	1	9.86	1	0.0335	1	4.1	1
0.31999	0	0.31999	0	3000	1	3.89	0	0.324	0	7	0
0.36	0	0.36	0	1600	1	18.5	1	0.56	0	3	0
0.34	0	0.34	0	2100	1	11.3	0	13.3	1	8	0
0.37999	0	0.37999	0	2100	1	69.9	1	0.61	0	5	0
0.31999	0	0.31999	0	12000	1	16.1	1	1.48	1	5	0
0.34	0	0.34	0	2200	1	0.61	1	0.61	0	3	0
0.31999	0	0.31999	0	2000	1	25.9	1	0.54	0	8	0
0.33	0	0.33	0	2000	1	12	0	0.6	0	4	0
0.35	0	0.71	0	2000	1	20.5	1	0.56999	0	9	0
0.33	0	0.33	0	1700	1	12.5	0	0.62999	0	5	0
0.34	0	0.34	0	26000	1	16	1	0.52999	0	12	1
0.34	0	0.34	0	1800	1	10.9	0	0.55	0	4	0
0.33	0	0.33	0	4100	1	46.8	1	0.52999	0	9	0
0.33	0	0.33	0	2400	1	26	1	0.54	0	3	0
0.33	0	0.33	0	11000	1	19.7	1	0.156	1	12	1
8.3	0	8.3	0	920	1	10.8	0	0.54	0	3	0
9.8	0	9.8	0	3800	1	178	1	1.97	1	21	1
8.1	0	8.1	0	2900	1	12.2	0	0.97	1	5	0
9.1	0	9.1	0			16.5	1	0.55	0	43	1
9.8	0	9.8	0			22.5	1	1.89	1	4	0
7.1	0	7.1	0			333	1	5.52	1	16	1
13	0	13	0			135	1	4.02	1	5	0
7.8	0	7.8	0			27.8	1	1	1		
8.7	0	8.7	0			63.4	1	1.67	1		

5.9	0	5.9	0	516	1	12.8	1
7.6	0	7.6	0	198	1	5.4	1
5.9	0	5.9	0	43	1	0.52999	0
8.5	0	8.5	0	230	1	9.3	1
7.1	0	7.1	0	6.4	1	0.15	1
8.5	0	8.5	0	89	1	1.4	1
8.3	0	8.3	0	14	1	0.20999	1
9.3	0	9.3	0	26	1	38	1
8.3	0	8.3	0	6.5	1	1	1
9.8	0	9.8	0	34	1	32	1
0.35	0	0.35	0	5.8	1	1.4	1
0.35	0	0.35	0	73	1	2.2	1
0.36	0	0.36	0	38	1	0.73	1
0.36	0	0.19	1	65	1	1.2	1
0.35	0	0.35	0	15	1	1	1
0.36	0	0.054	1	5.3	1	0.44999	1
0.35	0	0.1	1	3.5	1	0.14	1
0.36	0	0.36	0	94	1	2.9	1
0.35	0	0.35	0	5.1	1	0.33	1
0.35	0	0.35	0	19	1	3.2	1
0.36	0	0.36	0	110	1	1.2	1
0.38	0	0.38	0	58	1	0.41999	1
0.42	0	0.42	0	30	0	0.10999	0
0.36	0	0.36	0	9	0	0.10999	0
0.37	0	0.37	0	30	0	0.15999	1
0.36	0	0.36	0	75	1	3.2	1
0.38	0	0.38	0	40	0	0.10999	0
0.36	0	0.36	0	7	0	0.10999	0
0.42	0	0.12	1	84	1	0.10999	0
0.41	0	0.41	0	20	0	0.15999	1
0.36	0	0.069	1	50	0	1.8	1
0.39	0	0.39	0	4	0	0.15	1
				30	0	0.47999	0
				20	0	0.10999	0
				20	0	0.10999	0
				6	0	0.10999	0
				77	1	0.23999	1
				3	0	0.10999	0
				60	0	0.85	1
				6	0	0.10999	0
				130	1	2.4	1
				8	0	0.11999	0
				50	0	1.1	1
				20	0	0.11999	0

Aroclor-1221	D_Aroclor-122	Aroclor-1254	D_Aroclor-12!	Aroclor-1260	D_Aroclor-12(	Aroclor-1268	D_Aroclor-126	Arsenic	D_Arsenic	Benzo(a)anthı	D_Benzo(a)an	Benzo(a)pyr	D_Benzo(a)|	Benzo(b)fluor:	D_Benzo(b)fluor	Benzo(b/k)fl	D_Benzo(b
0.0017	0	0.019	1	0.024	0	0.091	1	0.89999	1	0.0058	1	0.0069	1	0.012	1	0.055	1
0.0017	0	0.049	1	0.055	0	0.27	1	0.23	1	0.22	1	0.23	1	0.37	1	0.4	0
0.017	0	0.2	1	0.017	0	1.2	1	1.1	0	0.028	1	0.03299	1	0.046	1	0.72	1
0.017	0	0.17	1	0.017	0	4.1	1	1.6	0	0.33	0	0.33	0	0.33	0	0.4	0
0.004	0	0.037	0	0.0017	0	0.24	1	1.7	0	0.4	0	0.4	0	0.4	0	0.4	0
0.0017	0	0.0017	0	0.0017	0	0.058	1	2	0	0.36	0	0.36	0	0.36	0	0.4	0
0.034	0	0.17	1	0.034	0	10	1	1.7	0	0.38999	0	0.38999	0	0.38999	0	0.4	0
0.017	0	0.017	0	0.017	0	0.96	1	1.7	0	0.34	0	0.34	0	0.34	0	0.4	0
0.34	0	0.34	0	0.34	0	19	1	1.7	0	0.37999	0	0.37999	0	0.37999	0	0.062	1
0.017	0	0.46	1	0.017	0	1.5	1	1.7	0	0.37	0	0.37	0	0.37	0	0.41	0
0.017	0	0.33	1	0.017	0	1.3	1	1.7	0	0.39	0	0.39	0	0.39	0	0.23	1
0.0017	0	0.0017	0	0.0017	0	0.056	1	1.8	0	0.34	0	0.34	0	0.34	0	0.39	0
0.017	0	0.14	1	0.017	0	0.87	1	1.7	0	0.4	0	0.4	0	0.4	0	0.28	1
0.0017	0	0.0017	0	0.0017	0	0.037	1	3.3	1	0.34	0	0.34	0	0.34	0	0.4	0
0.017	0	0.14	1	0.017	0	1.3	1	1.6	0	0.37	0	0.37	0	0.37	0	0.34	1
0.0017	0	0.0017	0	0.0017	0	0.028	1	1.7	0	0.34999	0	0.34999	0	0.34999	0	0.4	0
0.017	0	0.09	1	0.017	0	0.99	1	1.7	0	0.36	0	0.36	0	0.36	0	0.38	0
0.0017	0	0.0017	0	0.0017	0	0.014	1	1.7	0	0.37	0	0.062	1			0.4	0
0.017	0	0.18	1	0.017	0	2.2	1	1.7	0	0.4	0	0.4	0				
0.0017	0	0.0017	0	0.0017	0	0.051	1	1.7	0	0.86	1	0.96	1				
0.017	0	0.15	1	0.017	0	1.7	1			0.4	0	0.4	0				
0.0017	0	0.0017	0	0.0017	0	0.041	1			0.4	0	0.4	0				
0.017	0	0.13	1	0.017	0	3.4	1			0.4	0	0.4	0				
0.0017	0	0.013	1	0.0017	0	0.41	1			0.4	0	0.4	0				
0.017	0	0.18	1	0.017	0	3.5	1			0.4	0	0.4	0				
0.0017	0	0.017	1	0.0017	0	0.33	1			0.41	0	0.41	0				
0.21	0	11	1	0.21	0	15	1			0.41	0	0.41	0				
0.27	1	0.63	1	0.021	0	2.4	1			0.11	1	0.12	1				
2.22	0	2.22	0	2.22	0	2.22	0			0.39	0	0.39	0				
2.64	0	2.64	0	2.64	0	2.64	0			0.23	1	0.24	1				
2.39	0	2.39	0	2.39	0	2.39	0			0.4	0	0.4	0				
2.59	0	2.59	0	2.59	0	2.59	0			0.38	1	0.42	1				
2.26	0	2.26	0	2.26	0	2.26	0			0.4	0	0.4	0				
2.5	0	2.5	0	2.5	0	2.5	0			0.071	1	0.38	0				
2.45	0	2.45	0	2.45	0	2.45	0			0.4	0	0.4	0				
0.08	0	0.039	0	0.039	0	0.039	0										
2.26	0	2.26	0	2.26	0	2.7	1										
2.67	0	2.67	0	2.67	0	2.67	0										
2.27	0	2.27	0	2.27	0	2.7	1										
2.48	0	2.48	0	2.48	0	2.48	0										
2.35	0	2.35	0	2.35	0	2.35	0										
2.4	0	2.4	0	2.4	0	2.4	0										
0.074	0	0.11	1	1.4	1	0.038	0										
0.081	0	0.04	0	0.04	0	0.04	0										
0.076	0	0.037	0	0.037	0												
0.082	0	0.04	0	0.04	0												

0.082	0	0.04	0	0.04	0
0.082	0	0.04	0	0.04	0
0.081	0	0.04	0	0.04	0
0.082	0	0.04	0	0.04	0
0.084	0	0.041	0	0.041	0
0.083	0	0.041	0	0.041	0
0.08	0	0.039	0	0.039	0
0.079	0	0.039	0	0.039	0
0.081	0	0.04	0	1.2	1
0.082	0	0.04	0	0.04	0
0.08	0	0.039	0	0.039	0
0.082	0	0.04	0	0.04	0
0.078	0	0.038	0	0.038	0
0.081	0	0.04	0	0.04	0

Carbazole	D_Carbazol	Chromium	D_Chromiu	Dibenzo(a,h)anth	D_Dibenzo	Indeno(1,2,3	D_Indeno(:	Iron	D_Iron	Mercury	D_Mercury
0.39	0	12.7	1	0.0017	1	0.0072	1	14400	1	0.261	1
0.37	0	3.81	1	0.074	1	0.24	1	859	1	0.755	1
0.4	0	1.3	1	0.0092	1	0.024	1	217	1	13.3	1
0.38	0	4	1	0.33	0	0.33	0	1800	1	1.15	1
0.4	0	4.1	1	0.4	0	0.4	0	1500	1	0.31	1
0.4	0	5.5	1	0.36	0	0.36	0	3600	1	0.66	0
0.4	0	2.9	1	0.38999	0	0.38999	0	570	1	0.75999	1
0.4	0	3	1	0.34	0	0.34	0	630	1	0.64999	0
0.4	0	2.6	1	0.37999	0	0.37999	0	1300	1	1.31	1
0.41	0	3.9	1	0.37	0	0.37	0	1800	1	0.62999	0
0.41	0	4.3	1	0.39	0	0.39	0	1300	1	0.72	1
0.39	0	4.8	1	0.34	0	0.34	0	2500	1	0.105	1
0.39	0	3.7	1	0.4	0	0.4	0	960	1	11.8	1
0.046	1	7.6	1	0.34	0	0.34	0	4800	1	0.67	0
0.4	0	3.2	1	0.37	0	0.37	0	900	1	9.3	1
0.39	0	7.8	1	0.34999	0	0.34999	0	3700	1	0.62	0
0.4	0	2.4	1	0.36	0	0.36	0	650	1	6.2	1
0.38	0	5.5	1	0.37	0	0.37	0	3100	1	2.31	1
0.4	0	2.5	1	0.4	0	0.4	0	860	1	0.56999	0
		3.9	1	0.38	0	0.54	1	920	1	17.5	1
				0.4	0	0.4	0			0.55	0
				0.4	0	0.4	0			3.67	1
				0.4	0	0.4	0			0.56999	0
				0.4	0	0.4	0			0.55	0
				0.4	0	0.4	0			5.3	1
				0.41	0	0.41	0			0.62	1
				0.41	0	0.41	0			0.56999	0
				0.055	1	0.091	1			7.88	1
				0.39	0	0.39	0			0.54	0
				0.1	1	0.2	1			1.6	1
				0.4	0	0.4	0			0.11999	0
				0.26	1	0.25	1			3.3	1
				0.4	0	0.4	0			0.11999	0
				0.38	0	0.38	0			0.11999	0
				0.4	0	0.4	0			0.76999	1
										0.54	1
										0.11999	0
										1.9	1
										0.11999	0
										6	1
										0.11999	0
										3.6	1
										0.37	1
										13	1
										0.11999	0
										0.11999	0

1,1,2,2-Tetrachlc	D_1,1,2,2-Tetrac	1,2,4-Trimetł	D_1,2,4-Trim	1,4-Dichlorobenz	D_1,4-Dichlorobe	1-Methyl Naph	D_1-Methyl Na	2-Methylnapł	D_2-Methylna	4,6-Dinitro-2-met	D_4,6-Dinitro-2-n	Aluminum	D_Aluminu	Antimony	D_Antimon
0.00011	0	0.00011	0	0.00012	0	10.1	1	0.11	1	1.83	0	2430	1	9.86	1
0.00011	0	0.00012	0	0.00013	0	30.2	1	0.022	1	2.07	0	3860	1	0.15	1
0.00013	0	0.00014	0	0.00015	0	7.72	1	0.0017	1	2.01	0	2930	1	0.02999	0
0.00009	0	0.00011	0	0.00011	0	11.9	1	0.00039	0	2.53	0	2870	1	0.03999	1
0.00011	0	0.00011	0	0.00012	0	17.4	1	0.0013	1	11.3	0	2320	1	0.041	1
0.00009	0	0.00009	0	0.00011	0	15.9	1	0.26	1	11.3	0	3990	1	0.17499	1
0.00009	0	0.00026	1	0.00011	0	0.31	0	0.0032	1	11	0	3860	1	0.086	1
0.00009	0	0.00011	0	0.00011	0	0.31999	0	0.0095	1	57.2	0	3360	1	0.05799	1
2.7	0	8.3	1	0.00555	0	0.36	0	0.00039	0	10.7	0	4480	1	0.00899	1
0.00555	0	0.05	0	0.00627	0	0.36	0	0.00039	0	6.29	0	2110	1	0.03799	1
0.00627	0	0.05999	0	0.00611	0	0.40999	0	0.021	1	2.215	0	1760	1	0.05999	1
0.00611	0	0.05999	0	0.0051	0	0.33	0	0.366	0	1.9	0	171	1	16.3	0
0.0051	0	0.05999	0	0.00573	0	10.9	1	0.414	0	1.93	0	3060	1	3.33	0
0.00573	0	11.2	1	0.0057	0	5.58	1	0.403	0	1.83	0	3670	1	3.76	0
0.0057	0	3.5	1	0.00557	0	4.76	1	0.50499	0	1.915	0	3080	1	3.66	0
0.00557	0	0.10999	0	0.00578	0	2.56	1	2.27	0	2.13	0	2780	1	3.06	0
0.00578	0	0.05999	0	0.00541	0	6.66	1	2.26	0	2.3	0	2890	1	3.44	0
0.00541	0	0.05999	0	0.00635	0	1.9	0	2.2	0	3.65	0	4320	1	3.42	0
0.00635	0	18.6	1	0.44	0	0.37999	0	11.4	0	2.3	0	3180	1	3.34	0
1.65	0	0.18999	1	0.38	0	0.72	0	2.14	0	1.87	0	563	1	3.47	0
0.006	0	0.05999	0	0.39	0	4.19	1	1.26	0	1.85	0	3600	1	3.24	0
0.006	0	0.2	1	0.37	0	0.37999	0	33	1	1.9	0	3690	1	3.81	0
0.006	0	0.05999	0	0.38	0	6.1	1	0.38	0	0.99	0	3290	1	16	0
0.006	0	0.05999	0	0.43	0	18.8	1	0.73	1	1	0	2110	1	14	0
0.005	0	0.05999	0	0.46	0	0.4	0	0.55	1	0.89	0	3100	1	14	0
0.006	0	0.05999	0	0.73	0	0.36	0	0.38	0	0.96	0	1500	1	13	0
0.007	0	0.05999	0	0.46	0	0.34999	0	0.43	0	0.89	0	3260	1	14	0
0.006	0	0.05999	0	0.37	0	0.34999	0	0.46	0	0.98	0	21900	1	15	0
0.006	0	0.05999	0	0.37	0	0.34999	0	0.73	0	0.98	0	4110	1	16	0
0.006	0	0.064	1	0.38	0	0.34	0	0.46	0	0.87	0	3320	1	13	0
0.005	0	15.71	1	0.05999	0	0.34	0	0.37	0	0.98	0	2700	1	13	0
0.006	0	6.67	1	0.05	0	0.34	0	0.37	0	1	0	4020	1	17	0
0.05999	0	2.4	1	0.05999	0	0.34	0	0.38	0	0.95	0	2420	1	13	0
0.05	0	6.18	1	0.05999	0	0.34999	0	12.4	1	1	0	8800	1	14	0
0.05999	0	22.8	1	0.05999	0	64.4	1	28.8	1	0.94	0			1.4	0
0.05999	0	0.07	0	0.05	0	25.52	1	4.06	1	1	0			1.5	0
0.05999	0	0.05999	1	0.10999	0	0.34	0	7.56	1	0.99	0			66	0
0.05	0	0.14	1	0.10999	0	0.3	0	12.2	1	1	0				
0.10999	0	0.05	0	0.05999	0	48.79	1	11.1	1	0.95	0				
0.10999	0	0.05999	0	0.05999	0	26.14	1	0.31	0	1	0				
0.05999	0	0.05	0	1.2	0	5.21	1	0.31999	0	0.94	0				
0.05999	0	0.07	0	0.05999	0	6.44	1	0.36	0	1	0				
1.2	0	2.72	1	0.05999	0	0.34999	0	0.36	0	0.93	0				
0.05999	0	0.05999	0	0.05999	0	5.58	1	0.40999	0	1	0				
0.05999	0	0.05999	0	0.05999	0	15.5	1	0.33	0	0.94	0				
0.05999	0	0.05999	0	0.05999	0	4.23	1	11.6	1	20	0				

0.05999	0	0.05	0	0.05999	0	9.74	1	6.25	1	0.94	0
0.05999	0	0.05999	0	0.05999	0	0.4	0	2.01	0	1	0
0.05999	0	0.05999	0	0.05999	0	0.31999	0	2.98	1	0.96	0
0.05999	0	0.05	0	0.05999	0	0.34999	0	4.58	1	0.98	0
0.05999	0	0.05	0	0.05999	0	0.33	0	4.78	1	1	0
0.05999	0	0.05	0	0.05999	0	0.34	0	0.37999	0	0.37	1
0.05999	0	0.05999	0	0.05999	0	0.31999	0	0.72	0	1	0
0.05999	0	0.05999	0	0.05	0	0.38999	0	3.6	0	0.94	0
0.05999	0	0.05999	0	0.05999	0	9.53	1	0.37999	0	0.95	0
0.05	0	0.07	0	0.07	0	0.37999	0	0.33	0	9.9	0
0.05999	0	0.2	1	0.05999	0	0.38999	0	13.1	1	32	1
0.07	0	0.05999	0	0.07	0	0.34999	0	0.4	0	21	0
0.05999	0	0.05	0	0.05	0	0.38999	0	0.36	0	110.00001	0
0.07	0	0.05999	0	0.05999	0	0.36	0	0.34999	0		
0.05	0	0.05999	0	0.05	0	0.31999	0	0.34999	0		
0.05999	0	0.05999	0	0.05999	0	0.37	0	0.34999	0		
0.05	0	0.05999	0	0.05	0	0.34	0	0.34	0		
0.05999	0	0.05999	0	0.07	0	0.31999	0	0.34	0		
0.05	0	0.05999	0	0.05999	0	0.31	0	0.34	0		
0.07	0	0.07	0	0.05999	0	0.31999	0	0.34	0		
0.05999	0	0.07	0	0.05999	0	0.33	0	0.34999	0		
0.05999	0	0.05999	0	0.05999	0	0.37999	0	92.6	1		
0.05999	0	0.05999	0	0.05	0	0.34	0	42.56	1		
0.05999	0	0.05	0	0.05999	0	0.4	0	0.34	0		
0.05	0	0.05999	0	0.05999	0	0.33	0	0.3	0		
0.05999	0	0.05999	0	0.05	0	0.36	0	25.21	1		
0.05999	0	0.05999	0	0.05	0	0.31999	0	21.31	1		
0.05	0	0.05999	0	0.05	0	0.34999	0	0.31999	0		
0.05	0	0.05999	0	0.05999	0	0.33	0	5.02	1		
0.05	0	0.05999	0	0.05999	0	0.37	0	0.34999	0		
0.05999	0	0.05999	0	0.05999	0	0.34	0	6.71	1		
0.05999	0	0.05999	0	0.07	0	0.36	0	20.3	1		
0.05999	0	28.3	1	0.05999	0	13.1	1	1.93	1		
0.07	0	0.07	0	0.05999	0	0.34999	0	17.17	1		
0.05999	0	0.05999	0	0.05	0	0.38999	0	0.4	0		
0.05999	0	9.33	1	0.05999	0	0.38999	0	0.31999	0		
0.05	0	9.8	1	0.05999	0	0.36	0	0.34999	0		
0.05999	0	15.3	1	0.05999	0	0.36	0	0.33	0		
0.05999	0	4.8	1	0.05999	0	0.31999	0	0.34	0		
0.05999	0	17	1	0.05999	0	0.34	0	0.31999	0		
0.05999	0	11.6	1	0.05999	0	0.37	0	0.38999	0		
0.05999	0	0.05999	0	0.07	0	0.34	0	4.12	1		
0.05999	0	0.05999	0	0.07	0	0.34999	0	0.37999	0		
0.07	0	0.05	0	0.05999	0	0.34	0	3.3	1		
0.07	0	0.07	0	0.05999	0	0.34	0	0.34999	0		
0.05999	0	0.15999	1	0.05	0	0.34999	0	0.38999	0		
0.05999	0	0.07	0	0.05999	0	0.33	0	0.36	0		

0.05	0	5.2	1	0.05999	0	2.13	1	0.31999	0
0.05999	0	7.8	1	0.05999	0	0.72	1	0.37	0
0.05999	0	4.3	1	0.05999	0	0.34999	0	0.34	0
0.05999	0	0.05999	0	0.05999	0	2.31	1	0.31999	0
0.05999	0	0.05999	0	0.05999	0	0.38999	1	0.31	0
0.05999	0	0.05999	0	0.05999	0	1.48	1	0.31999	0
0.05999	0	0.10999	1	0.05999	0	4.3	1	0.33	0
0.05999	0	0.05999	0	18.2	1	3.9	1	0.37999	0
0.05999	0	0.05999	0	0.07	0	26.9	1	0.34	0
0.07	0	0.05999	0	0.05999	0	0.36	0	0.4	0
0.07	0	0.07	0	0.05999	0	0.33	0	0.33	0
0.05999	0	0.05999	0	2.9	0	0.33	0	0.36	0
0.05999	0	0.07	0	2.8	0	0.38999	0	0.31999	0
2.9	0	3.1	1	3	0	0.38999	0	0.34999	0
2.8	0	0.05999	0	3.2	0	0.40999	0	0.33	0
3	0	4.7	1	3.1	0	4.96	1	0.37	0
3.2	0	16.5	1	0.05999	0	0.4	0	0.34	0
3.1	0	0.27	0	0.05999	0	1.38	1	0.36	0
0.05999	0	0.07	1	0.05	0	0.36	0	4.64	1
0.05999	0	0.66	0	0.07	0	0.36	0	0.34999	0
0.05	0	0.07	0	0.12999	0	0.37999	0	0.38999	0
0.07	0	0.07	0	0.07	0	1.82	1	0.38999	0
0.12999	0	0.07	0	1.6	0	0.34	0	0.36	0
0.07	0	0.05999	0	6.6	0	0.36	0	0.36	0
1.6	0	0.07	0	1.3	0	0.34999	0	0.31999	0
6.6	0	0.05999	0	0.05999	0	0.37	0	0.34	0
1.3	0	0.27	1	0.05999	0	0.38999	0	0.37	0
0.05999	0	0.18999	1	0.05999	0	1.77	1	1.6	1
0.05999	0	0.05999	0	0.05999	0	0.37	0	0.34999	0
0.05999	0	0.09	1	0.05999	0	1.36	1	0.34	0
0.05999	0	0.05999	0	0.05999	0	2.77	1	0.34	0
0.05999	0	0.07	0	0.05999	0	0.4	0	0.34999	0
0.05999	0	0.05999	0	0.07	0	0.37999	0	0.33	0
0.05999	0	0.18	1	0.05999	0	0.76999	1	3.38	1
0.07	0	0.05	0	0.07	0	0.4	0	0.52999	1
0.05999	0	0.38999	1	0.64999	0	0.4	0	0.34999	0
0.07	0	0.05999	0	0.05999	0	0.4	0	0.34	0
0.64999	0	85.3	1	0.62999	0	1.43	1	0.63999	1
0.05999	0	6.2	1	1.3	0	0.4	0	2.23	1
0.62999	0	0.1	1	0.27	0	0.43999	1	0.36	0
1.3	0	8.2	1	0.05999	0	1.47	1	1.01	1
0.27	0	12.2	1	0.66	0	0.41999	0	2.75	1
0.05999	0	0.07	0	0.07	0	0.62999	1	0.36	0
0.66	0	0.07	0	0.07	0	0.4	0	0.33	0
0.07	0	0.05999	0	0.07	0	0.37999	0	0.33	0
0.07	0	0.05999	0	0.39	0	0.40999	0	0.38999	0
0.07	0	0.05999	0	0.05999	0	1.1	1	0.38999	0

0.06	0	0.05999	0	0.07	0	0.33	0	0.40999	0
0.05999	0	0.07	0	0.05999	0	0.34	0	0.92	1
0.07	0	0.05999	0	0.05999	0	0.38999	0	0.4	0
0.05999	0	0.07	1	0.07	0	0.36	0	0.4	0
0.07	1	0.1	1	0.05999	0	0.38999	0	0.36	0
0.21999	1	0.05999	0	0.07	0	0.74	1	0.36	0
0.51999	1	10.5	1	0.05999	0	0.34999	0	0.37999	0
0.92	1	0.05999	0	0.07	0	0.4	0	0.34	0
0.15	1	0.07	0	0.05999	0	0.36	0	0.34	0
0.07	0	0.05999	0	0.05999	0	0.46	1	0.36	0
0.05999	0	0.07	0	0.05	0	0.38999	0	0.34999	0
0.14	1	0.05999	0	0.25999	0	0.34999	0	0.37	0
0.23	1	0.05999	0	0.05999	0	0.34999	0	0.38999	0
0.25999	0	0.05999	0	1.3	0	0.4	1	1.5	1
0.05999	0	0.1	1	0.66	0	0.34999	0	0.37	0
1.3	0	0.05999	0	0.05999	0	0.38999	0	0.86	1
0.66	0	0.07	0	0.92	1	0.34	0	3.49	1
0.05999	0	0.05999	0	0.61	0	0.37	0	0.4	0
0.66	0	0.05999	0	0.07	0	0.36	0	0.37999	0
0.61	0	27.3	1	0.07	0	0.36	0	0.46	1
0.07	0	0.46	1	0.05999	0	0.4	0	0.4	0
0.07	0	0.14	1	0.05999	0	0.34999	0	0.4	0
0.05999	0	0.05	0	0.05999	0	0.38999	0	0.4	0
0.05999	0	0.25999	0	0.05999	0	0.36	0	7.8	1
0.05999	0	0.2	1	0.07	0	0.38999	0	0.36	0
0.05999	0	1.8	1	0.41	0	0.34999	0	0.4	0
0.07	0	0.05999	0	0.05999	0	0.34	0	0.37	0
0.012	0	0.05999	0	0.05999	0	0.37	0	0.36	0
0.05999	0	0.05999	0	0.05999	0	3.82	1	0.41999	0
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.37	0
0.05999	0	1.1	1	1.3	0	0.41999	0	0.4	0
0.05999	0	2.9	1	0.05999	0	0.33	0	0.37999	0
1.3	0	4.8	1	0.07	0	0.37999	0	0.40999	0
0.05999	0	15.5	1	0.05999	0	0.40999	0	0.40999	0
0.07	0	0.05	0	0.07	0	0.41999	1	0.33	0
0.05999	0	0.05999	0	0.05999	0	0.31999	0	0.34	0
0.07	0	0.62999	1	0.05999	0	0.31999	0	0.38999	0
0.05999	0	5.4	1	0.05999	0	21.2	1	0.36	0
0.05999	0	0.12999	0	0.05999	0	2.6	1	0.38999	0
0.05999	0	0.05	0	0.05999	0	0.93	1	0.50999	1
0.05999	0	0.05	0	0.07	0	1	1	0.34999	0
0.05999	0	0.05999	0	0.05999	0	0.34999	0	0.4	0
0.07	0	0.05999	0	0.05999	0	0.34999	0	0.36	0
0.05999	0	0.05	0	1.4	0	0.36	0	0.38999	0
0.05999	0	0.05999	0	0.07	0	4.32	1	0.38999	0
1.4	0	0.05	0	0.05	0	2.03	1	0.34999	0
0.07	0	0.05999	0	0.05	0	0.72	1	0.34999	0

0.05	0	3.1	1	0.25999	0	2.94	1	0.34	0
0.05	0	0.05999	0	0.07	0	3.26	0	0.34999	0
0.25999	0	1	1	0.07	0	0.37999	0	0.38999	0
0.07	0	0.05999	0	0.05999	0	0.34	0	0.41	0
0.07	0	0.25999	1	0.05999	0	23.5	1	0.34	0
0.05999	0	1.3	1	0.05999	0	0.81	1	0.37	0
0.05999	0	0.18999	1	0.05999	0	0.33	0	0.36	0
0.05999	0	0.09	1	0.12999	0	0.33	0	0.36	0
0.05999	0	0.05999	0	0.31999	0	0.34	0	1.62	1
0.12999	0	0.05999	0	0.25999	0	0.34999	0	0.34999	0
0.31999	0	0.05	0	0.63999	0	0.31999	0	0.38999	0
0.25999	0	0.05999	0	0.05	0	0.33	0	0.36	0
0.63999	0	0.41999	1	0.05999	0	0.31	0	0.38999	0
0.05	0	0.05999	0	0.05999	0	0.34999	0	0.34999	0
0.05999	0	1.8	1	0.31	0	27.5	1	0.34	0
0.05999	0	0.61	0	0.12999	0	0.34	0	0.37	0
0.31	0	0.31999	1	0.05	0	9.82	1	0.33	0
0.12999	0	2.1	1	0.05	0	0.37999	0	0.36	0
0.05	0	8	1	0.05999	0	10.2	1	0.41999	0
0.05	0	3.3	1	0.05999	0	9.67	1	0.33	0
0.05999	0	0.46	1	0.05	0	1.98	1	0.37999	0
0.05999	0	12	1	0.05999	0	0.36	0	0.40999	0
0.05	0	2.8	1	0.05	0	0.34999	0	0.4	0
0.05999	0	0.82999	1	0.05999	0	0.34	0	0.31999	0
0.05	0	0.1	1	0.3	0	0.31999	0	0.31999	0
0.05999	0	0.31999	1	0.05999	0	0.34	0	24.6	1
0.3	0	1.1	1	0.6	0	0.36	0	4.33	1
0.05999	0	0.46999	1	0.05999	0	0.37	0	1.4	1
0.6	0	1	1	0.05999	0	0.37	0	1.37	1
0.05999	0	0.75999	1	0.31	0	0.37	0	0.34999	0
0.05999	0	3	1	0.05999	0	0.52999	1	0.34999	0
0.31	0	0.07999	1	0.05999	0	2.92	1	0.36	0
0.05999	0	0.05999	0	0.05999	0	0.33	0	7.48	1
0.05999	0	0.05999	0	0.05999	0	0.37999	0	2.15	1
0.05999	0	7.4	1	0.05	0	0.37	0	0.51999	1
0.05999	0	120.00001	1	0.05999	0	3.56	1	3.58	1
0.05	0			0.05999	0	0.38999	0	3.26	0
0.05999	0			0.05999	0	0.4	0	0.37999	0
0.05999	0			0.61	0	0.62	1	0.34	0
0.05999	0			0.61	0	0.37	0	30.8	1
0.61	0			0.3	0	0.40999	0	1.6	1
0.61	0			0.28999	0	0.37	0	0.33	0
0.3	0			0.21999	0	1.91	1	0.33	0
0.28999	0			1.3	0	0.38999	0	0.34	0
0.21999	0			0.31	0	1.29	1	0.34999	0
1.3	0			0.62999	0	0.36	0	0.31999	0
0.31	0			0.64999	0	0.34999	0	0.33	0

0.62999	0	0.67	0	0.37	0	0.31	0
0.64999	0	0.05999	0			0.34999	0
0.67	0	0.05999	0			24.5	1
0.05999	0	0.07	0			0.34	0
0.05999	0	0.31	0			14.8	1
0.07	0	0.67	0			0.37999	0
0.31	0	0.64999	0			0.34999	0
0.67	0	1.3	0			0.34999	0
0.64999	0	0.05999	0			0.37	0
1.3	0	0.05999	0			0.36	0
0.05999	0	0.05999	0			0.34999	0
0.05999	0	0.41	0			0.34	0
0.05999	0	0.39	0			0.31999	0
0.056	0	0.43	0			0.34	0
0.012	0	0.37	0			0.36	0
0.013	0	0.4	0			0.37	0
0.011	0	0.37	0			0.37	0
0.012	0	0.4	0			0.37	0
0.011	0	0.4	0			0.43	1
0.012	0	0.36	0			1.24	1
0.012	0	0.4	0			0.33	0
0.011	0	0.43	0			0.37999	0
0.012	0	0.39	0			0.37	0
0.013	0	0.43	0			5.8	1
0.012	0	0.39	0			0.38999	0
0.013	0	0.42	0			0.4	0
0.012	0	0.41	0			0.36	0
0.013	0	0.43	0			0.37	0
0.012	0	0.39	0			1.15	1
0.013	0	0.42	0			0.37	0
0.012	0	0.39	0			0.4	0
0.013	0	0.41	0			0.38999	0
0.012	0	0.38	0			2.23	1
0.012	0	0.43	0			0.36	0
0.012	0	0.39	0			0.34999	0
1.6	0	8.1	0			0.37	0
0.012	0	0.39	0			4.7	1
1.5	0	0.42	0			0.39	0
0.012	0	0.4	0			0.43	0
0.013	0	0.4	0			0.17	1
0.012	0	0.42	0			0.1	1
0.012	0	4.4	0			0.12	1
0.013	0	0.42	0			0.09	1
1.7	0	0.39	0			0.046	1
1.6	0	0.39	0			0.12	1
0.012	0	4.1	0			0.29	1
0.012	0	11	0			0.029	1

1.5	0
11	0
0.13	0
12	0
1.3	0
0.012	0

0.13	0
12	0
0.42	0
0.39	0

0.2	1
0.43	0
0.2	1
0.42	0
0.08	1
0.43	0
0.035	1
0.69	1
0.39	0
0.41	0
0.07	1
0.11	1
1.5	1
57	1
0.39	0
0.42	0
0.4	0
0.4	0
0.42	0
4.4	0
0.058	1
0.021	1
0.084	1
23	1
32	1
10	0
23	1
0.42	0
0.39	0

Aroclor-1016	D_Aroclor-101	Aroclor-1254	D_Aroclor-125	Aroclor-1260	D_Aroclor-126	Aroclor-1268	D_Aroclor-126	Arsenic	D_Arsenic	Benzene	D_Benzene	Benzo(a)anth	D_Benzo(a)ar	Benzo(a)pyre	D_Benzo(a)py	Benzo(b)fluor
0.091	0	28	1	0.091	0	8.9	1	0.23999	1	0.00017	0	0.14	1	0.19	1	0.21
0.0085	0	0.23	1	0.0085	0	0.55	1	0.2	0	0.00017	0	0.03299	1	0.045	1	0.03299
0.0017	0	0.1	1	0.0017	0	0.028	1	1.32	1	0.00022	0	0.0019	1	0.002	1	0.0037
0.034	0	4.4	1	0.034	0	6.1	1	0.50999	1	0.00016	0	0.00048	0	0.00014	0	0.00025
0.017	0	0.24	1	0.017	0	0.57	1	0.6	1	0.00055	1	0.0028	1	0.0012	1	0.0019
0.0017	0	0.2	1	0.14	0	0.2	1	0.23999	1	0.00015	0	0.6	1	0.79	1	0.58
0.017	0	0.93	1	0.017	0	0.78	1	0.37999	1	0.00016	0	0.016	1	0.017	1	0.024
0.00209	0	0.00209	0	0.00209	0	0.00209	0	0.23	1	0.00016	0	0.0015	1	0.001	1	0.002
0.00209	0	0.00209	0	0.00209	0	0.0037	1	3.3	1	2.7	0	0.00068	1	0.00032	1	0.00079
0.015	0	0.19	1	0.014	0	0.69	1	7.21	0	0.00555	0	0.00048	0	0.00014	0	0.00025
0.00209	0	0.38	1	0.00209	0	0.38	1	8.16	0	0.00627	0	0.019	1	0.021	1	0.03
0.0053	0	0.00209	0	0.046	1	0.051	1	7.94	0	0.00611	0	0.366	0	0.366	0	0.366
0.00209	0	0.0028	1	0.00209	0	0.0086	1	6.63	0	0.0051	0	0.414	0	0.414	0	0.414
0.00209	0	0.00209	0	0.00209	0	0.00209	0	12.6	1	0.00573	0	0.403	0	0.403	0	0.403
0.00209	0	0.097	1	0.00209	0	0.14	1	7.41	0	0.0057	0	0.50499	0	0.50499	0	0.50499
0.14	0	0.044	1	0.032	1	4.35	1	7.24	0	0.00557	0	2.27	0	2.27	0	2.27
0.399	0	4.11	1	0.399	0	9.66	1	7.51	0	0.00578	0	2.26	0	2.26	0	2.26
0.797	0	7.13	1	0.797	0	0.0366	0	7.03	0	0.00541	0	2.2	0	2.2	0	2.2
0.0366	0	0.0366	0	0.0366	0	0.0414	0	8.26	0	0.00635	0	11.4	0	11.4	0	11.4
0.0414	0	0.0414	0	0.0414	0	0.0403	0	2.7	0	1.65	0	2.14	0	2.14	0	2.14
0.0403	0	0.0403	0	0.0403	0	0.0337	0	12.9	1	0.006	0	1.26	0	1.26	0	1.26
0.0337	0	0.0337	0	0.0337	0	0.378	0	9.8	1	0.006	0	0.62	1	0.44	0	0.44
0.378	0	0.378	0	0.378	0	0.376	0	8.1	1	0.006	0	6.4	1	1.7	1	3.6
0.376	0	0.376	0	0.376	0	0.367	0	2.3	0	0.006	0	1.3	1	0.39	0	0.39
0.367	0	0.367	0	0.367	0	0.382	0	5.1	1	0.005	0	0.88	1	0.37	0	0.37
0.382	0	0.382	0	0.382	0	0.357	0	2.7	0	0.006	0	0.38	0	0.38	0	0.38
0.357	0	0.357	0	0.357	0	0.0419	0	3.5	1	0.007	0	0.43	0	0.43	0	0.43
0.0419	0	0.0419	0	0.0419	0	2.2	0	2.2	0	0.006	0	0.46	0	0.46	0	0.46
2.2	0	2.2	0	2.2	0	1.1	1	2.8	0	0.006	0	1.6	1	0.8	1	1.02
0.38	0	0.38	0	0.38	0	0.038	0	2.5	1	0.006	0	0.46	0	0.46	0	0.46
0.038	0	0.038	0	0.038	0	1	1	2.3	0	0.005	0	0.37	0	0.37	0	0.37
0.36	0	0.36	0	0.36	0	1.2	1	0.77999	1	0.006	0	0.85	1	0.37	0	2
0.38	0	0.38	0	0.38	0	1.5	1	1.2	0	0.05999	0	0.38	0	0.38	0	0.57
0.4	0	0.4	0	0.7	1	0.045	0	0.33	1	0.05	0	1.2	0	1.2	0	1.2
0.045	0	0.045	0	0.045	0	0.46	1	0.82999	1	0.05999	0	0.33	0	0.33	0	0.33
0.36	0	0.36	0	0.36	0	2.2	1	0.41999	1	0.05999	0	1.87	0	1.87	0	1.87
0.37	0	0.37	0	1.5	1	0.11	1	0.25999	0	0.05999	0	5.54	0	5.54	0	5.54
0.046	0	0.046	0	0.046	0	1.3	1	0.25	0	0.05	0	1.6	0	1.6	0	1.6
0.37	0	0.37	0	1.2	1	0.3	1			0.10999	0	5.42	0	5.42	0	5.42
0.037	0	0.037	0	0.14	1	2.53	0			0.10999	0	6.11	0	6.11	0	6.11
5.05	0	2.53	0	2.53	0	2.19	0			0.05999	0	5.53	0	5.53	0	5.53
4.37	0	2.19	0	2.19	0	2.49	0			0.05999	0	0.31	0	0.31	0	0.31
2.49	0	2.49	0	2.49	0	2.22	0			1.2	0	0.31999	0	0.31999	0	0.31999
4.43	0	2.22	0	2.22	0	2.58	0			0.05999	0	0.36	0	0.36	0	0.36
5.17	0	2.58	0	2.58	0	2.17	0			0.05999	0	0.36	0	0.36	0	0.36
4.33	0	2.17	0	2.17	0	2.42	0			0.05999	0	0.40999	0	0.40999	0	0.40999

2.42	0	2.42	0	2.42	0	2.53	0	0.05999	0	0.33	0	0.33	0	0.33
2.53	0	2.53	0	2.53	0	2.4	0	0.05999	0	3.98	0	3.98	0	3.98
2.4	0	2.4	0	2.4	0	2.41	0	0.05999	0	4.1	0	4.1	0	4.1
2.41	0	2.41	0	2.41	0	2.56	0	0.05999	0	2.01	0	2.01	0	2.01
2.56	0	2.56	0	2.56	0	3.16	0	0.05999	0	0.31	0	0.31	0	0.31
3.16	0	3.16	0	3.16	0	2.43	0	0.05999	0	3.1	0	3.1	0	3.1
2.43	0	2.43	0	2.43	0	2.38	0	0.05999	0	1.9	0	1.9	0	1.9
2.38	0	2.38	0	2.38	0	2.76	0	0.05999	0	0.37999	0	0.37999	0	0.37999
2.76	0	2.76	0	2.76	0	2.31	0	0.05999	0	0.72	0	0.72	0	0.72
2.31	0	2.31	0	2.31	0	2.07	0	0.05	0	3.6	0	3.6	0	3.6
2.07	0	2.07	0	2.07	0	2.19	0	0.05999	0	0.37999	0	0.37999	0	0.37999
418	0	2.19	0	418	0	2.25	0	0.07	0	0.33	0	0.33	0	0.33
2.19	0	2.25	0	2.19	0	2.05	0	0.05999	0	0.33	0	0.33	0	0.33
2.25	0	2.05	0	2.25	0	2.1	0	0.07	0	0.4	0	0.4	0	0.4
2.05	0	2.1	0	2.05	0	2.65	0	0.05	0	0.36	0	0.36	0	0.36
2.1	0	2.65	0	2.1	0	2.74	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.65	0	2.74	0	2.65	0	2.62	0	0.05	0	0.34999	0	0.34999	0	0.34999
2.74	0	2.62	0	2.74	0	2.07	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.62	0	2.07	0	2.62	0	2.07	0	0.05	0	0.34	0	0.34	0	0.34
2.07	0	2.07	0	2.07	0	2.2	0	0.07	0	0.34	0	0.34	0	0.34
2.07	0	2.2	0	2.07	0	2.16	0	0.05999	0	0.34	0	0.34	0	0.34
2.2	0	2.16	0	2.2	0	2.53	0	0.05999	0	0.68999	1	0.56999	1	0.55
2.16	0	2.53	0	2.16	0	2.55	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.53	0	2.55	0	2.53	0	2.39	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.55	0	2.39	0	2.55	0	2.4	0	0.05	0	0.31999	0	0.31999	0	0.31999
2.39	0	2.4	0	2.39	0	2.54	0	0.05999	0	0.34	0	0.34	0	0.34
2.4	0	2.54	0	2.4	0	2.15	0	0.05999	0	0.3	0	0.3	0	0.3
2.54	0	2.15	0	2.54	0	2.65	0	0.05	0	0.37999	0	0.37999	0	0.37999
2.15	0	2.65	0	2.15	0	2.55	0	0.05	0	0.34	0	0.34	0	0.34
2.65	0	2.55	0	2.65	0	2.12	0	0.05	0	0.31999	0	0.31999	0	0.31999
2.55	0	2.12	0	2.55	0	2.47	0	0.05999	0	0.34	0	0.34	0	0.34
2.12	0	2.47	0	2.12	0	2.19	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.47	0	2.19	0	2.47	0	2.59	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.19	0	2.59	0	2.19	0	2.14	0	0.07	0	0.38999	0	0.38999	0	0.38999
2.59	0	2.14	0	2.59	0	2.4	0	0.05999	0	0.43	0	0.43	0	0.43
2.14	0	2.4	0	2.14	0	2.32	0	0.05999	0	0.37	0	0.37	0	0.37
2.4	0	2.32	0	2.4	0	2.33	0	0.05	0	0.4	0	0.4	0	0.4
2.32	0	2.33	0	2.32	0	2.33	0	0.05999	0	0.31999	0	0.31999	0	0.31999
2.33	0	2.33	0	2.33	0	2.27	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.33	0	2.27	0	2.33	0	2.28	0	0.05999	0	0.33	0	0.33	0	0.33
2.27	0	2.28	0	2.27	0	2.25	0	0.05999	0	0.34	0	0.34	0	0.34
2.28	0	2.25	0	2.28	0	2.27	0	0.05999	0	0.31999	0	0.31999	0	0.31999
2.25	0	2.27	0	2.25	0	2.35	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.27	0	2.35	0	2.27	0	2.35	0	0.07	0	0.36	0	0.36	0	0.36
2.35	0	2.35	0	2.35	0	2.13	0	0.07	0	0.37999	0	0.37999	0	0.37999
2.35	0	2.13	0	2.35	0	2.25	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.13	0	2.25	0	2.13	0	2.1	0	0.05999	0	0.34999	0	0.34999	0	0.34999

2.25	0	2.1	0	2.25	0	2.13	0	0.05	0	0.38999	0	0.38999	0	0.38999
2.1	0	2.13	0	2.1	0	2.11	0	0.05999	0	0.36	0	0.36	0	0.36
2.13	0	2.11	0	2.13	0	2.28	0	0.05999	0	0.31999	0	0.31999	0	0.31999
2.11	0	2.28	0	2.11	0	2.69	0	0.05999	0	0.37	0	0.37	0	0.37
2.28	0	2.69	0	2.28	0	2.14	0	0.05999	0	0.34	0	0.34	0	0.34
2.69	0	2.14	0	2.69	0	2.17	0	0.05999	0	0.31999	0	0.31999	0	0.31999
2.14	0	2.17	0	2.14	0	21	1	0.05999	0	0.31	0	0.31	0	0.31
2.17	0	2.11	0	2.17	0	2.6	1	0.05999	0	0.31999	0	0.31999	0	0.31999
2.11	0	2.17	0	7.3	1	2.09	0	0.05999	0	0.33	0	0.33	0	0.33
2.17	0	2.09	0	2.17	0	2.13	0	0.07	0	0.37999	0	0.37999	0	0.37999
2.09	0	3.3	1	2.09	0	2.14	0	0.07	0	0.34	0	0.34	0	0.34
2.13	0	2.14	0	2.13	0	2.53	0	0.05999	0	0.4	0	0.4	0	0.4
2.14	0	2.53	0	2.14	0	2.27	0	0.05999	0	0.33	0	0.33	0	0.33
2.53	0	2.27	0	2.53	0	2.14	0	2.9	0	0.36	0	0.36	0	0.36
2.27	0	2.14	0	2.27	0	2.05	0	2.8	0	0.31999	0	0.31999	0	0.33
2.14	0	2.05	0	2.14	0	2.09	0	3	0	0.34999	0	0.34999	0	0.34999
2.05	0	2.09	0	2.05	0	2.13	0	3.2	0	0.33	0	0.33	0	0.33
2.09	0	2.13	0	2.09	0	2.25	0	3.1	0	0.37	0	0.37	0	0.37
2.13	0	2.25	0	2.13	0	2.36	0	0.05999	0	0.34	0	0.34	0	0.34
2.25	0	2.36	0	2.25	0	2.59	0	0.05999	0	0.36	0	0.36	0	0.36
2.36	0	2.59	0	2.36	0	2.63	0	0.05	0	0.37999	0	0.37999	0	0.37999
2.59	0	2.63	0	2.59	0	3.56	0	0.07	0	0.34999	0	0.34999	0	0.34999
2.63	0	3.56	0	2.63	0	3.55	0	0.12999	0	0.38999	0	0.38999	0	0.38999
3.56	0	3.55	0	3.56	0	2.7	0	0.07	0	0.38999	0	0.38999	0	0.38999
3.55	0	2.7	0	3.55	0	2.45	0	1.6	0	0.36	0	0.36	0	0.36
2.7	0	2.45	0	2.7	0	2.65	0	20.2	1	0.36	0	0.36	0	0.36
2.45	0	2.65	0	2.45	0	7.6	1	1.3	0	0.31999	0	0.31999	0	0.31999
2.65	0	14	1	2.65	0	2.34	0	0.05999	0	0.34	0	0.34	0	0.38999
2.16	0	2.34	0	2.16	0	6	1	0.05999	0	0.37	0	0.37	0	0.37
2.34	0	4.7	1	2.34	0	2.29	0	0.05999	0	2.12	1	0.34	0	0.34
2.17	0	2.29	0	2.17	0	3	1	0.05999	0	0.34999	0	0.34999	0	0.34999
2.29	0	6.1	1	2.29	0	2.62	0	0.05999	0	0.34	0	0.34	0	0.34
2.15	0	2.62	0	2.15	0	2.27	0	0.05999	0	0.34	0	0.34	0	0.34
2.62	0	2.27	0	2.62	0	2.17	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.27	0	2.17	0	2.27	0	2.18	0	0.07	0	0.33	0	0.33	0	0.33
2.17	0	2.18	0	2.17	0	2.24	0	0.05999	0	0.40999	0	0.40999	0	0.40999
2.18	0	2.24	0	2.18	0	2.31	0	0.07	0	0.40999	0	0.40999	0	0.40999
2.24	0	2.31	0	2.24	0	2.22	0	0.64999	0	0.34999	0	0.34999	0	0.34999
2.31	0	2.22	0	2.31	0	2.6	0	0.05999	0	0.34	0	0.34	0	0.34
2.22	0	2.6	0	2.22	0	2.61	0	0.62999	0	0.34999	0	0.34999	0	0.34999
2.6	0	2.61	0	2.6	0	2.3	0	1.3	0	0.34	0	0.34	0	0.34
2.61	0	2.3	0	2.61	0	9	1	0.27	0	0.36	0	0.36	0	0.36
2.3	0	2.21	0	2.3	0	2.35	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.21	0	2.35	0	2.21	0	2.24	0	0.66	0	0.37	0	0.37	0	2.87
2.35	0	8.1	1	2.35	0	2.28	0	0.07	0	0.36	0	0.36	0	0.36
2.24	0	2.28	0	2.24	0	2.42	0	0.07	0	0.33	0	0.33	0	0.33
2.28	0	2.42	0	2.28	0	2.15	0	0.07	0	0.33	0	0.33	0	0.33

2.42	0	2.15	0	2.42	0	2.44	0	0.007	1	0.38999	0	0.38999	0	0.38999
2.15	0	2.44	0	2.15	0	2.24	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.44	0	2.24	0	2.44	0	2.13	0	0.07	0	0.40999	0	0.40999	0	0.40999
2.24	0	2.13	0	2.24	0	2.09	0	0.05999	0	0.46999	0	0.46999	0	0.46999
2.13	0	2.09	0	2.13	0	2.15	0	0.05999	0	0.43999	1	0.4	0	0.4
2.09	0	2.15	0	2.09	0	2.22	0	0.07	0	0.51999	1	0.4	0	0.4
2.15	0	2.22	0	2.15	0	2.52	0	0.05999	0	0.36	0	0.36	0	0.36
2.22	0	2.52	0	2.22	0	2.28	0	0.07	0	0.36	0	0.36	0	0.36
2.52	0	2.28	0	2.52	0	2.7	0	0.05999	0	0.37999	0	0.37999	0	0.37999
2.28	0	2.7	0	2.28	0	2.21	0	0.07	0	0.34	0	0.34	0	0.34
2.7	0	2.21	0	2.7	0	2.4	0	0.05999	0	0.34	0	0.34	0	0.34
2.21	0	2.4	0	2.21	0	2.52	0	0.05999	0	0.36	0	0.36	0	0.36
2.4	0	2.52	0	2.4	0	2.23	0	0.05	0	0.34999	0	0.34999	0	0.34999
2.52	0	2.23	0	2.52	0	2.11	0	0.25999	0	0.37	0	0.37	0	0.37
2.23	0	2.11	0	2.23	0	2.36	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.11	0	2.36	0	2.11	0	2.23	0	1.3	0	0.38999	0	0.38999	0	0.38999
2.36	0	2.23	0	2.36	0	2.48	0	0.66	0	0.37	0	0.37	0	0.37
2.23	0	2.48	0	2.23	0	2.26	0	0.05999	0	0.37999	0	0.37999	0	0.37999
2.48	0	2.26	0	2.48	0	2.42	0	0.89999	1	0.4	0	0.4	0	0.4
2.26	0	2.42	0	2.26	0	2.33	0	0.99	1	0.4	0	0.4	0	0.4
2.42	0	2.33	0	2.42	0	2.6	0	0.07	0	0.37999	0	0.37999	0	0.37999
2.33	0	2.6	0	2.33	0	2.61	0	0.07	0	0.4	0	0.4	0	0.4
2.6	0	2.61	0	2.6	0	2.37	0	0.05999	0	0.4	0	0.4	0	0.4
2.61	0	2.37	0	2.61	0	2.42	0	0.05999	0	0.4	0	0.4	0	0.4
2.37	0	2.42	0	2.37	0	2.14	0	0.05999	0	0.4	0	0.4	0	0.4
2.42	0	2.14	0	2.42	0	2.26	0	0.05999	0	0.21	1	0.39	0	0.39
2.14	0	2.26	0	2.14	0	2.46	0	0.07	0	0.36	0	0.36	0	0.36
2.26	0	2.46	0	2.26	0	2.27	0	0.012	0	0.4	0	0.4	0	0.4
2.46	0	2.27	0	2.46	0	2.23	0	0.05999	0	0.37	0	0.37	0	0.37
2.27	0	2.23	0	2.27	0	2.15	0	0.05999	0	0.36	0	0.36	0	0.36
2.23	0	2.15	0	2.23	0	2.2	0	0.05999	0	0.41999	0	0.41999	0	0.41999
2.15	0	2.2	0	2.15	0	2.31	0	0.05999	0	0.37	0	0.37	0	0.37
2.2	0	2.31	0	2.2	0	2.5	0	1.3	0	0.4	0	0.4	0	0.4
2.31	0	2.5	0	2.31	0	2.32	0	0.05999	0	0.37999	0	0.37999	0	0.37999
2.5	0	2.32	0	2.5	0	2.3	0	0.07	0	0.40999	0	0.40999	0	0.40999
2.32	0	2.3	0	2.32	0	2.25	0	0.05999	0	0.40999	0	0.40999	0	0.40999
2.3	0	2.25	0	2.3	0	2.33	0	0.07	0	0.33	0	0.33	0	0.33
2.25	0	2.33	0	2.25	0	2.23	0	0.05999	0	0.34	0	0.34	0	0.34
2.33	0	2.23	0	2.33	0	2.4	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.23	0	2.4	0	2.23	0	2.31	0	0.05999	0	0.36	0	0.36	0	0.36
2.4	0	2.31	0	2.4	0	2.07	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.31	0	2.07	0	2.31	0	2.77	0	0.05999	0	0.4	0	0.4	0	0.4
2.07	0	2.77	0	2.07	0	2.19	0	0.07	0	0.34999	0	0.34999	0	0.34999
2.77	0	2.19	0	2.77	0	2.39	0	0.05999	0	0.4	0	0.4	0	0.4
2.19	0	2.39	0	2.19	0	2.25	0	0.05999	0	0.36	0	0.36	0	0.36
2.39	0	2.25	0	2.39	0	2.33	0	1.6	1	0.38999	0	0.38999	0	0.38999
2.25	0	2.33	0	2.25	0	7.5	1	0.36	1	0.38999	0	0.38999	0	0.38999

2.33	0	2.28	0	2.33	0	2.52	0	0.05	0	0.34999	0	0.34999	0	0.34999
2.28	0	2.52	0	2.28	0	4.2	1	0.05	0	0.34999	0	0.34999	0	0.34999
2.52	0	2.21	0	2.52	0	2.36	0	0.28999	1	0.34	0	0.34	0	0.34
2.21	0	2.36	0	2.21	0	2.46	0	0.07999	1	0.34999	0	0.34999	0	0.34999
2.36	0	2.46	0	2.36	0	2.29	0	0.14	1	0.38999	0	0.38999	0	0.38999
2.46	0	2.29	0	2.46	0	2.15	0	0.05999	0	0.41	0	0.41	0	0.41
2.29	0	2.15	0	2.29	0	2.71	0	0.05999	0	0.34	0	0.34	0	0.34
2.15	0	2.71	0	2.15	0	2.46	0	0.05999	0	0.37	0	0.37	0	0.37
2.71	0	2.46	0	2.71	0	6.6	1	0.05999	0	0.36	0	0.36	0	0.36
2.46	0	2.34	0	2.46	0	2.32	0	0.18	1	0.36	0	0.36	0	0.36
2.34	0	2.32	0	2.34	0	2.56	0	0.31999	0	0.4	0	0.4	0	0.4
2.32	0	2.56	0	2.32	0	2.39	0	0.25999	0	0.34999	0	0.34999	0	0.34999
2.56	0	2.39	0	2.56	0	2.41	0	0.63999	0	0.38999	0	0.38999	0	0.38999
2.39	0	2.41	0	2.39	0	2.33	0	0.05	0	0.36	0	0.36	0	0.36
2.41	0	2.33	0	2.41	0	2.31	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.33	0	2.31	0	2.33	0	2.21	0	0.14	1	0.34999	0	0.34999	0	0.34999
2.31	0	2.21	0	2.31	0	2.34	0	0.31	0	0.34	0	0.34	0	0.34
2.21	0	2.34	0	2.21	0	2.23	0	0.12999	0	0.37	0	0.37	0	0.37
2.34	0	2.23	0	2.34	0	2.27	0	0.05	0	0.33	0	0.33	0	0.33
2.23	0	2.27	0	2.23	0	2.24	0	0.05	0	0.36	0	0.36	0	0.36
2.27	0	2.24	0	2.27	0	2.24	0	0.05999	0	0.41999	0	0.41999	0	0.41999
2.24	0	2.24	0	2.24	0	2.54	0	0.05999	0	0.33	0	0.33	0	0.33
2.24	0	2.54	0	2.24	0	2.78	0	0.05	0	0.37999	0	0.37999	0	0.37999
2.54	0	2.78	0	2.54	0	2.83	0	0.05999	0	0.40999	0	0.40999	0	0.40999
2.78	0	2.83	0	2.78	0	2.28	0	0.05	0	0.4	0	0.4	0	0.4
2.83	0	2.28	0	2.83	0	2.51	0	0.05999	0	0.31999	0	0.31999	0	0.31999
2.28	0	2.51	0	2.28	0	2.36	0	0.3	0	0.31999	0	0.31999	0	0.31999
2.51	0	2.36	0	2.51	0	2.75	0	0.05999	0	1.58	0	1.58	0	1.58
2.36	0	2.75	0	2.36	0	2.44	0	0.6	0	0.88999	1	0.4	0	0.4
2.75	0	2.44	0	2.75	0	3.16	0	0.05999	0	0.4	0	0.4	0	0.4
2.44	0	3.16	0	2.44	0	2.34	0	0.05999	0	0.38999	0	0.38999	0	0.38999
3.16	0	2.34	0	3.16	0	2.34	0	0.31	0	0.34999	0	0.34999	0	0.34999
2.34	0	2.34	0	2.34	0	2.3	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.34	0	2.3	0	2.34	0	4.8	1	0.05999	0	0.36	0	0.36	0	0.36
2.3	0	2.53	0	2.3	0	2.1	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.53	0	2.1	0	2.53	0	2.25	0	0.05999	0	0.38999	0	0.38999	0	0.38999
2.1	0	2.25	0	2.1	0	2.44	0	0.05	0	0.38999	0	0.38999	0	0.38999
2.25	0	2.44	0	2.25	0	2.29	0	0.05999	0	0.37999	0	0.47999	1	0.50999
2.44	0	2.29	0	2.44	0	2.53	0	0.05999	0	3.57	1	3.26	0	3.26
2.29	0	2.53	0	2.29	0	2.37	0	0.05999	0	0.37999	0	0.37999	0	0.67
2.53	0	2.37	0	2.53	0	2.23	0	0.61	0	0.34	0	0.34	0	0.34
2.37	0	2.23	0	2.37	0	2.18	0	0.61	0	6.26	1	3.86	1	1.89
2.23	0	2.18	0	2.23	0	2.18	0	0.3	0	0.38999	0	0.38999	0	0.70999
2.18	0	2.18	0	2.18	0	2.29	0	0.28999	0	0.33	0	0.33	0	0.33
2.18	0	2.29	0	2.18	0	2.63	0	0.23999	1	0.33	0	0.33	0	0.33
2.29	0	2.63	0	2.29	0	2.58	0	1.3	0	0.34	0	0.34	0	0.34
2.63	0	2.58	0	2.63	0	2.71	0	0.31	0	0.34999	0	0.34999	0	0.34999

2.58	0	2.71	0	2.58	0	3.16	0	0.62999	0	0.31999	0	0.31999	0	0.31999
2.71	0	3.16	0	2.71	0	2.13	0	0.64999	0	0.33	0	0.33	0	0.33
3.16	0	2.13	0	3.16	0	2.27	0	0.67	0	0.31	0	0.31	0	0.31
2.13	0	2.27	0	2.13	0	2.18	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.27	0	2.18	0	2.27	0	2.2	0	0.05999	0	2.54	1	2.1	1	1.8
2.18	0	2.2	0	2.18	0	2.36	0	0.07	0	0.34	0	0.34	0	0.34
2.2	0	2.36	0	2.2	0	2.2	0	0.31	0	0.40999	1	0.36	0	0.36
2.36	0	2.2	0	2.36	0	2.29	0	0.67	0	0.37999	0	0.37999	0	0.37999
2.2	0	2.29	0	2.2	0	2.53	0	0.64999	0	0.34999	0	0.34999	0	0.34999
2.29	0	2.53	0	2.29	0	2.39	0	1.3	0	0.34999	0	0.34999	0	0.34999
2.53	0	2.39	0	2.53	0	2.36	0	0.05999	0	0.37	0	0.37	0	0.37
2.39	0	2.36	0	2.39	0	2.31	0	0.05999	0	0.36	0	0.36	0	0.36
2.36	0	2.31	0	2.36	0	2.65	0	0.05999	0	0.34999	0	0.34999	0	0.34999
2.31	0	2.65	0	2.31	0	2.7	0	0.056	0	0.34	0	0.34	0	0.34
2.65	0	2.7	0	2.65	0	2.41	0	0.012	0	0.69999	1	0.94999	1	1.06
2.7	0	2.41	0	2.7	0	2.4	0	0.013	0	0.34	0	0.34	0	0.34
2.41	0	2.4	0	2.41	0	2.41	0	0.011	0	0.36	0	0.36	0	0.36
2.4	0	2.41	0	2.4	0	2.53	0	0.012	0	0.37	0	0.37	0	0.37
2.41	0	2.53	0	2.41	0	9.1	1	0.001	1	0.37	0	0.37	0	0.37
2.53	0	2.9	1	2.53	0	2.26	0	0.012	0	0.37	0	0.37	0	0.37
2.23	0	2.26	0	2.23	0	2.4	0	0.012	0	0.36	0	0.36	0	0.36
2.26	0	2.4	0	2.26	0	2.48	0	0.011	0	0.34999	0	0.34999	0	0.34999
2.4	0	2.48	0	2.4	0	2.2	0	0.012	0	0.86	1	0.33	0	0.33
2.48	0	2.2	0	2.48	0	2.15	0	0.013	0	0.37999	0	0.37999	0	0.37999
2.2	0	2.15	0	2.2	0	2.33	0	0.012	0	0.37	0	0.37	0	0.37
2.15	0	2.33	0	2.15	0	2.7	0	0.013	0	0.37999	0	0.37999	0	0.37999
2.33	0	2.7	0	2.33	0	2.58	0	0.012	0	0.38999	0	0.38999	0	0.38999
2.7	0	2.58	0	2.7	0	0.039	0	0.013	0	0.4	0	0.4	0	0.4
2.58	0	0.039	0	2.58	0	2.65	0	0.012	0	0.36	0	0.36	0	0.36
0.039	0	2.65	0	0.039	0	2.6	0	0.013	0	0.37	0	0.37	0	0.37
2.65	0	2.6	0	2.65	0	0.041	0	0.012	0	0.40999	0	0.40999	0	0.40999
2.6	0	0.041	0	2.6	0	2.47	0	0.013	0	0.37	0	0.37	0	0.37
0.041	0	2.47	0	0.041	0	2.37	0	0.012	0	0.4	0	0.4	0	0.4
2.47	0	2.37	0	2.47	0	2.38	0	0.012	0	0.38999	0	0.38999	0	0.38999
2.37	0	2.38	0	2.37	0	2	0	0.012	0	0.34	0	0.34	0	0.34
2.38	0	3.2	1	2.38	0	2.62	0	1.6	0	0.36	0	0.36	0	0.36
2	0	2.62	0	2	0	2.4	0	0.003	1	0.34999	0	0.34999	0	0.34999
2.62	0	2.4	0	2.62	0	2.6	0	1.5	0	0.37	0	0.37	0	0.37
2.4	0	2.6	0	2.4	0	2.31	0	0.012	0	0.41	0	0.029	1	0.41
2.6	0	2.31	0	2.6	0	2.29	0	0.013	0	0.39	0	0.39	0	0.39
2.31	0	2.29	0	2.31	0	2.49	0	0.012	0	0.43	0	0.43	0	0.43
2.29	0	2.49	0	2.29	0	3.3	1	0.012	0	0.18	1	0.18	1	0.34
2.49	0	2.37	0	2.49	0	2.78	0	0.013	0	0.043	1	0.048	1	0.078
2.37	0	2.78	0	2.37	0	2.23	0	1.7	0	0.5	1	0.5	1	1.1
2.78	0	2.23	0	2.78	0	2.51	0	1.6	0	0.12	1	0.13	1	0.23
2.23	0	2.51	0	2.23	0	2.23	0	0.012	0	0.044	1	0.042	1	0.093
2.51	0	2.23	0	2.51	0	2.65	0	0.012	0	0.2	1	0.078	1	0.32

2.23	0	2.65	0	2.23	0	2.15	0	1.5	0	0.14	1	0.14	1	0.11
2.65	0	2.3	1	2.65	0	2.15	0	11	0	0.018	1	0.032	1	0.43
2.15	0	2.15	0	2.15	0	2.11	0	0.13	0	0.037	1	0.044	1	0.034
2.15	0	2.11	0	2.15	0	2.23	0	12	0	0.43	0	0.43	0	0.43
2.11	0	2.23	0	2.11	0	2.24	0	1.3	0	1.3	1	1	1	2
2.23	0	2.24	0	2.23	0	2.64	0	0.012	0	0.42	0	0.42	0	0.42
2.24	0	2.64	0	2.24	0	2.69	0			0.047	1	0.074	1	0.18
2.64	0	2.69	0	2.64	0	2.57	0			0.02	1	0.43	0	0.43
2.69	0	2.57	0	2.69	0	2.36	0			0.085	1	0.11	1	0.2
2.57	0	2.36	0	2.57	0	2.32	0			0.026	1	0.027	1	0.03
2.36	0	2.32	0	2.36	0	13	1			0.025	1	0.029	1	0.048
2.32	0	3.3	1	2.32	0	2.62	0			0.41	0	0.031	1	0.41
2.38	0	2.62	0	2.38	0	2.59	0			0.47	1	0.44	1	0.67
2.62	0	13	1	2.62	0	2.59	0			0.093	1	0.086	1	0.093
2.59	0	2.59	0	2.59	0	2.56	0			0.086	1	0.078	1	0.12
2.59	0	2.56	0	2.59	0	2.52	0			0.68	1	0.41	1	8.1
2.56	0	2.52	0	2.56	0	2.61	0			0.02	1	0.019	1	0.037
2.52	0	2.61	0	2.52	0	2.18	0			0.42	0	0.42	0	0.42
2.61	0	2.18	0	2.61	0	2.17	0			0.56	1	0.083	1	0.37
2.18	0	2.17	0	2.18	0	2.27	0			0.35	1	0.069	1	0.13
2.17	0	2.27	0	2.17	0	2.35	0			0.42	0	0.42	0	0.42
2.27	0	2.35	0	2.27	0	2.14	0			0.23	1	0.16	1	0.18
2.35	0	2.14	0	2.35	0	5.2	1			0.42	0	0.42	0	0.42
2.14	0	2.2	1	2.14	0	4.3	1			0.39	0	0.39	0	0.39
2.07	0	2.1	1	2.07	0	2.17	0			0.048	1	0.073	1	0.11
2.13	0	2.17	0	2.13	0	2.14	0			4.1	0	0.043	1	4.1
2.17	0	2.14	0	2.17	0	2.2	0			10	0	10	0	0.42
2.14	0	2.2	0	2.14	0	2.09	0			0.42	0	0.42	0	0.39
2.2	0	2.09	0	2.2	0	2.07	0			0.39	0	0.39	0	10
2.09	0	2.07	0	2.09	0	2.3	0							
2.07	0	2.3	0	2.07	0	2.1	0							
2.3	0	2.1	0	2.3	0	2.36	0							
2.1	0	2.36	0	2.1	0	2.13	0							
2.36	0	2.13	0	2.36	0	2.4	0							
2.13	0	2.4	0	2.13	0	2.23	0							
2.4	0	2.9	1	2.4	0	2.19	0							
2.23	0	2.19	0	2.23	0	2.12	0							
2.19	0	2.6	1	2.19	0	2.3	0							
2.12	0	2.3	0	2.12	0	2.41	0							
2.3	0	2.41	0	2.3	0	2.56	0							
2.41	0	2.56	0	2.41	0	2.36	0							
2.56	0	2.36	0	2.56	0	2.5	0							
2.36	0	2.5	0	2.36	0	3.7	1							
2.5	0	2.45	0	2.5	0	2.36	0							
2.45	0	3	1	2.45	0	8.8	1							
2.36	0	2.62	0	2.36	0	2.47	0							
2.62	0	2.47	0	2.62	0	2.41	0							

2.47	0	2.41	0	2.47	0	2.31	0
2.41	0	2.31	0	2.41	0	2.24	0
2.31	0	2.24	0	2.31	0	2.12	0
2.24	0	2.12	0	2.24	0	2.28	0
2.12	0	2.28	0	2.12	0	2.41	0
2.28	0	2.41	0	2.28	0	2.5	0
2.41	0	2.5	0	2.41	0	2.45	0
2.5	0	2.45	0	2.5	0	2.45	0
2.45	0	2.45	0	2.45	0	2.39	0
2.45	0	2.39	0	2.45	0	2.31	0
2.39	0	2.31	0	2.39	0	2.21	0
2.31	0	2.21	0	2.31	0	2.56	0
2.21	0	2.56	0	2.21	0	2.5	0
2.56	0	2.5	0	2.56	0	2.51	0
2.5	0	2.51	0	2.5	0	2.59	0
2.51	0	2.59	0	2.51	0	2.67	0
2.59	0	2.67	0	2.59	0	2.42	0
2.67	0	2.42	0	2.67	0	2.47	0
2.42	0	2.47	0	2.42	0	2.72	0
2.47	0	2.72	0	2.47	0	2.47	0
2.72	0	2.47	0	2.72	0	2.68	0
2.47	0	2.68	0	2.47	0	2.59	0
2.68	0	2.59	0	2.68	0	2.57	0
2.59	0	2.57	0	2.59	0	2.42	0
2.57	0	2.42	0	2.57	0	2.36	0
2.42	0	2.36	0	2.42	0	2.48	0
2.36	0	2.48	0	2.36	0	2.16	0
2.48	0	2.16	0	2.48	0	2.08	0
2.16	0	2.08	0	2.16	0	2.38	0
2.08	0	2.38	0	2.08	0	2.01	0
2.38	0	2.01	0	2.38	0	0.048	0
2.01	0	0.048	0	2.01	0	0.18	1
0.048	0	0.15	1	0.048	0	0.039	0
0.028	1	0.039	0	0.042	0	0.044	0
0.039	0	0.044	0	0.031	1	3.6	1
0.044	0	0.68	1	0.044	0	0.15	1
0.037	0	0.1	1	0.77	1	6	1
0.039	0	0.43	1	0.06	1	0.68	1
0.036	0	0.11	1	2.2	1	0.63	1
0.04	0	0.18	1	0.17	1	2	1
0.04	0	0.31	1	0.15	1	0.46	1
0.036	0	1.6	1	0.39	1	0.046	1
0.04	0	0.15	1	0.48	1	0.1	1
0.042	0	0.024	1	0.039	1	0.043	0
0.039	0	0.043	0	0.044	1	1.5	1
0.043	0	1.6	1	0.043	0	0.071	1
0.038	0	0.044	1	0.8	1	0.43	1

0.042	0	1.4	1	0.045	1	0.022	1
0.04	0	0.043	1	0.26	1	0.54	1
0.043	0	0.17	1	0.043	0	0.078	1
0.078	0	0.02	1	0.078	0	0.76	1
0.041	0	0.038	0	0.041	0	0.12	1
0.038	0	0.041	0	0.25	1	0.071	1
0.041	0	2.4	1	0.038	1	0.017	1
0.038	0	0.16	1	0.038	0	0.44	1
0.043	0	0.81	1	0.043	0	0.22	1
0.039	0	0.35	1	0.039	0	0.032	1
0.081	0	0.31	1	0.081	0	0.01	1
0.038	0	0.1	1	0.038	0	0.056	1
0.042	0	0.1	1	0.042	0	0.014	1
0.04	0	0.027	1	0.04	0	0.042	0
0.04	0	0.042	0	0.04	0	0.016	1
0.042	0	1.2	1	0.042	0	0.026	1
0.044	0	0.33	1	0.044	0	0.1	1
0.042	0	10	1	0.042	0	0.091	1
0.19	0	1.1	1	0.19	0	0.041	0
0.04	0	1.6	1	0.04	0	0.043	0
0.041	0	1	0	0.041	0	0.041	0
1	0	0.13	1	1	0		
0.42	1	0.041	0	0.043	0		
0.041	0			0.041	0		

D_Benzo(b)fl	Benzo(k)fluo	D_Benzo(k)fl	bis(2-Chloroeth	D_bis(2-Chloro	Carbazole	D_Carbazole	Chromium	D_Chromiun	Dibenzo(a,h)an	D_Dibenzo(a,h)	Dibromochlorome	D_Dibromochloro	Dichloromethane	D_Dichlorometha	Ethyl benzene
1	0.042	1	0.366	0	0.44	0	2.21	1	0.064	1	0.00019	0	0.00017	0	0.00004
1	0.0072	1	0.414	0	0.38	0	2.78	1	0.012	1	0.0002	0	0.00017	0	0.00005
1	0.0012	1	0.403	0	0.39	0	3.57	1	0.0006	1	0.00023	0	0.00033	1	0.00005
0	0.00015	0	0.50499	0	0.37	0	3.87	1	0.00028	0	0.00018	0	0.00016	0	0.00004
1	0.00038	1	2.27	0	0.38	0	1.97	1	0.00059	1	0.00019	0	0.00017	0	0.00004
1	0.14	1	2.26	0	0.43	0	3.18	1	0.4	1	0.00017	0	0.00015	0	0.00004
1	0.0095	1	2.2	0	0.46	0	2.18	1	0.0043	1	0.00018	0	0.00034	1	0.00209
1	0.00073	1	11.4	0	0.73	0	2.76	1	0.001	1	0.00018	0	0.00016	0	0.00004
1	0.00028	1	2.14	0	0.46	0	2.7	0	0.00028	0	2.7	0	2.7	0	2.7
0	0.00015	0	1.26	0	0.37	0	2.22	1	0.00028	0	0.00555	0	0.0111	0	0.00555
1	0.009	1	0.44	0	0.37	0	1.26	1	0.0066	1	0.00627	0	0.0125	0	0.00627
0	0.366	0	0.38	0	0.38	0	0.855	0	0.366	0	0.00611	0	0.0122	0	0.00611
0	0.414	0	0.39	0	0.39	0	2.04	1	0.414	0	0.0051	0	0.0102	0	0.0051
0	0.403	0	0.37	0	0.41	0	12.6	1	0.403	0	0.00573	0	0.0115	0	0.00573
0	0.50499	0	0.38	0	0.41	0	5.7	1	0.50499	0	0.0057	0	0.0114	0	0.0057
0	2.27	0	0.43	0	0.39	0	5.57	1	2.27	0	0.00557	0	0.0111	0	0.00557
0	2.26	0	0.46	0	0.43	0	4.62	1	2.26	0	0.00578	0	0.0116	0	0.00578
0	2.2	0	0.73	0	0.37	0	4.32	1	2.2	0	0.00541	0	0.0108	0	0.00541
0	11.4	0	0.46	0	0.4	0	2.54	1	11.4	0	0.00635	0	2.16	1	0.00635
0	2.14	0	0.37	0	0.044	1	3.6	1	2.14	0	1.65	0	1.65	0	1.65
0	1.26	0	0.37	0	0.4	0	11.5	1	1.26	0	0.006	0	0.006	0	0.006
0	0.44	0	0.38	0	0.4	0	10.4	1	0.44	0	0.006	0	0.006	0	0.006
1	0.38	0	0.39	0	0.36	0	8.5	1	2.7	1	0.006	0	0.006	0	0.006
0	0.39	0	0.41	0	0.4	0	7.5	1	0.39	0	0.006	0	0.006	0	0.006
0	0.77	1	0.41	0	0.43	0	6.1	1	0.51	1	0.005	0	0.005	0	0.005
0	0.46	1	0.39	0	0.39	0	2.7	0	0.38	0	0.006	0	0.006	0	0.006
0	0.43	0	0.43	0	0.43	0	6.2	1	0.43	0	0.007	0	0.007	0	0.007
0	0.46	0	0.37	0	0.038	1	4	1	0.46	0	0.006	0	0.005	0	0.006
1	0.73	0	0.4	0	0.42	0	3.4	1	0.73	0	0.006	0	0.006	0	0.006
0	0.46	0	0.37	0	0.41	0	11	1	0.46	0	0.006	0	0.006	0	0.006
0	0.37	0	0.4	0	0.43	0	6.5	1	0.37	0	0.005	0	0.005	0	0.005
1	0.48	1	0.4	0	0.39	0	2.5	1	0.37	0	0.006	0	0.006	0	0.006
1	0.38	0	0.36	0	0.42	0	2	1	0.38	0	0.05999	0	16	1	0.05999
0	1.2	0	0.4	0	0.39	0	0.75	0	1.2	0	0.05	0	0.4	1	0.05
0	0.33	0	0.43	0	0.41	0	3.3	1	0.33	0	0.05999	0	0.05999	0	1.34
0	1.87	0	0.39	0	0.022	1	1.9	1	1.87	0	0.05999	0	0.05999	0	0.72
0	5.54	0	0.43	0	0.43	0	22	0	5.54	0	0.05999	0	0.05999	0	0.50999
0	1.6	0	0.39	0	0.39	0	1.4	1	1.6	0	0.05	0	0.05	0	0.54
0	5.42	0	0.42	0	8.1	0	1.4	1	5.42	0	0.10999	0	0.10999	0	0.10999
0	6.11	0	0.41	0	0.39	0			6.11	0	0.10999	0	0.10999	0	0.10999
0	5.53	0	0.43	0	0.42	0			5.53	0	0.05999	0	0.55	1	0.2
0	0.31	0	0.39	0	0.047	1			0.31	0	0.05999	0	0.4	1	0.05999
0	0.31999	0	0.42	0	0.4	0			0.31999	0	1.2	0	1.2	0	1.2
0	0.36	0	0.39	0	0.42	0			0.36	0	0.05999	0	0.2	1	0.05999
0	0.36	0	0.41	0	0.076	1			0.36	0	0.05999	0	0.05999	0	0.05999
0	0.40999	0	0.38	0	0.42	0			0.40999	0	0.05999	0	0.05999	0	0.05999

0	0.33	0	0.43	0	0.39	0	0.33	0	0.05999	0	0.05999	0	0.05999
0	3.98	0	0.39	0	0.005	1	3.98	0	0.05999	0	0.05999	0	0.05999
0	4.1	0	8.1	0	4.1	0	4.1	0	0.05999	0	0.05999	0	0.05999
0	2.01	0	0.39	0	10	0	2.01	0	0.05999	0	0.05999	0	0.05999
0	0.31	0	0.42	0	0.42	0	0.31	0	0.05999	0	0.05999	0	0.05999
0	3.1	0	0.4	0	0.39	0	3.1	0	0.05999	0	0.05999	0	0.05999
0	1.9	0	0.4	0			1.9	0	0.05999	0	0.05999	0	0.05999
0	0.37999	0	0.42	0			0.37999	0	0.05999	0	0.05999	0	0.05999
0	0.72	0	0.38	1			0.72	0	0.05999	0	0.05999	0	1.53
0	3.6	0	0.42	0			3.6	0	0.05	0	0.05	0	0.05
0	0.37999	0	0.39	0			0.37999	0	0.05999	0	0.05999	0	0.05999
0	0.33	0	0.39	0			0.33	0	0.07	0	0.07	0	0.07
0	0.33	0	4.1	0			0.33	0	0.05999	0	0.05999	0	0.05999
0	0.4	0	45	0			0.4	0	0.07	0	0.07	0	0.07
0	0.36	0	10	0			0.36	0	0.05	0	0.05	0	0.05
0	0.34999	0	54	0			0.34999	0	0.05999	0	0.05999	0	0.15
0	0.34999	0	0.42	0			0.34999	0	0.05	0	0.05	0	0.05
0	0.34999	0	0.39	0			0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.34	0					0.34	0	0.05	0	0.05	0	0.05
0	0.34	0					0.34	0	0.07	0	0.07	0	0.07
0	0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999
1	0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.31999	0					0.31999	0	0.05	0	0.05	0	0.05
0	0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999
0	0.3	0					0.3	0	0.05999	0	0.05999	0	0.05999
0	0.37999	0					0.37999	0	0.05	0	0.05	0	0.05
0	0.34	0					0.34	0	0.05	0	0.05	0	0.05
0	0.31999	0					0.31999	0	0.05	0	0.05	0	0.05
0	0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0					0.38999	0	0.07	0	0.07	0	0.07
0	0.43	0					0.43	0	0.05999	0	0.05999	0	0.05999
0	0.37	0					0.37	0	0.05999	0	0.05999	0	0.05999
0	0.4	0					0.4	0	0.05	0	0.05	0	0.05
0	0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.33	0					0.33	0	0.05999	0	0.05999	0	0.05999
0	0.34	0					0.34	0	0.05999	0	0.05999	0	0.05999
0	0.31999	0					0.31999	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.36	0					0.36	0	0.07	0	0.07	0	0.07
0	0.37999	0					0.37999	0	0.07	0	0.07	0	0.07
0	0.38999	0					0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0					0.34999	0	0.05999	0	0.05999	0	0.05999

0	0.38999	0	0.38999	0	0.05	0	0.05	0	0.05
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999
0	0.31999	0	0.31999	0	0.05999	0	0.05999	0	0.05999
0	0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999
0	0.31999	0	0.31999	0	0.05999	0	0.05999	0	0.05999
0	0.31	0	0.31	0	0.05999	0	0.05999	0	0.05999
0	0.31999	0	0.31999	0	0.05999	0	0.05999	0	0.05999
0	0.33	0	0.33	0	0.05999	0	0.05999	0	0.05999
0	0.37999	0	0.37999	0	0.07	0	0.07	0	0.07
0	0.34	0	0.34	0	0.07	0	0.07	0	0.07
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999
0	0.33	0	0.33	0	0.05999	0	0.05999	0	0.05999
0	0.36	0	0.36	0	2.9	0	2.9	0	2.9
1	0.31999	0	0.31999	0	4.8	1	2.8	0	3.2
0	0.34999	0	0.34999	0	3	0	3	0	3
0	0.33	0	0.33	0	3.2	0	3.2	0	3.2
0	0.37	0	0.37	0	3.1	0	3.1	0	3.1
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999
0	0.37999	0	0.37999	0	0.05	0	0.05	0	0.05
0	0.34999	0	0.34999	0	0.07	0	0.07	0	0.07
0	0.38999	0	0.38999	0	0.12999	0	0.12999	0	0.12999
0	0.38999	0	0.38999	0	0.07	0	0.07	0	0.07
0	0.36	0	0.36	0	1.6	0	1.6	0	2.3
0	0.36	0	0.36	0	6.6	0	6.6	0	6.6
0	0.31999	0	0.31999	0	1.3	0	1.3	0	1.3
1	0.34	0	0.34	0	0.05999	0	0.05999	0	0.41999
0	0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.33	0	0.33	0	0.07	0	0.07	0	0.07
0	0.40999	0	0.40999	0	0.05999	0	0.05999	0	0.05999
0	0.40999	0	0.40999	0	0.07	0	0.07	0	0.07
0	0.34999	0	0.34999	0	0.64999	0	0.64999	0	0.64999
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999
1	0.34999	0	0.34999	0	0.62999	0	1	1	0.62999
0	0.34	0	0.34	0	1.3	0	2.3	1	4.3
0	0.36	0	0.36	0	0.27	0	0.27	0	0.27
0	0.40999	1	0.38999	0	0.05999	0	0.05999	0	0.05999
1	0.37	0	0.37	0	0.66	0	1.7	1	0.66
0	0.36	0	0.36	0	0.07	0	0.07	0	0.07
0	0.33	0	0.33	0	0.07	0	0.07	0	0.07
0	0.33	0	0.33	0	0.07	0	0.07	0	0.07

0	0.38999	0	0.38999	0	0.06	0	0.049	1	0.46		
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999		
0	0.40999	0	0.40999	0	0.07	0	0.07	0	0.07		
0	0.46999	0	0.46999	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	0.07	0	0.07	0	0.10999		
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999		
0	0.36	0	0.36	0	0.07	0	0.07	0	0.07		
0	0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999		
0	0.46	1	0.34	0	0.07	0	0.07	0	0.07		
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999		
0	0.36	0	0.36	0	0.07999	1	0.05999	0	0.05999		
0	0.34999	0	0.34999	0	0.09	1	0.05	0	0.05		
0	0.37	0	0.37	0	0.25999	0	0.25999	0	0.25999		
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999		
0	0.38999	0	0.38999	0	1.3	0	1.3	0	16.3		
0	0.37	0	0.37	0	0.66	0	0.66	0	1.4		
0	0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	1.4	1	0.66	0	3.1		
0	0.4	0	0.4	0	0.61	0	0.61	0	4.6		
0	0.37999	0	0.37999	0	0.07	0	0.07	0	0.38999		
0	0.4	0	0.4	0	0.07	0	0.07	0	0.07		
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999		
0	0.39	0	0.39	0	0.05999	0	0.05999	0	0.05999		
0	0.36	0	0.36	0	0.07	0	0.07	0	0.07		
0	0.4	0	0.4	0	0.012	0	0.006	1	0.012		
0	0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999		
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.1		
0	0.41999	0	0.41999	0	0.05999	0	0.05999	0	0.05999		
0	0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	1.3	0	1.3	0	2.3		
0	0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999		
0	0.40999	0	0.40999	0	0.07	0	0.07	0	0.07		
0	0.40999	0	0.40999	0	0.05999	0	0.05999	0	0.05999		
0	0.33	0	0.33	0	0.07	0	0.07	0	0.07		
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.05999		
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999		
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999		
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999		
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999		
0	0.34999	0	0.34999	0	0.07	0	0.07	0	0.07		
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999		
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999		
0	0.38999	0	0.38999	0	1.4	0	1.4	0	6.6		
0	0.38999	0	0.38999	0	0.07	0	0.07	0	0.68		

0	0.34999	0	0.34999	0	0.05	0	0.05	0	0.07999
0	0.34999	0	0.34999	0	0.05	0	0.05	0	0.05
0	0.34	0	0.34	0	0.25999	0	0.25999	0	6.2
0	0.41999	1	0.34999	0	0.07	0	0.07	0	0.15999
0	0.38999	0	0.38999	0	0.07	0	0.07	0	0.52999
0	0.41	0	0.41	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.05999	0	0.05999	0	0.07999
0	0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999
0	0.36	0	0.36	0	0.17	1	0.12999	0	4.4
0	0.4	0	0.4	0	0.31999	0	0.31999	0	1.6
0	0.34999	0	0.34999	0	0.25999	0	0.25999	0	1.2
0	0.38999	0	0.38999	0	0.63999	0	0.63999	0	6
0	0.36	0	0.36	0	0.05	0	0.05	0	0.05
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.09
0	0.34	0	0.34	0	0.31	0	0.31	0	0.86
0	0.37	0	0.37	0	0.12999	0	0.12999	0	0.23999
0	0.44999	1	0.33	0	0.05	0	0.05	0	0.05
0	0.36	0	0.36	0	0.05	0	0.05	0	0.15999
0	0.41999	0	0.41999	0	0.05999	0	0.05999	0	0.05999
0	0.33	0	0.33	0	0.05999	0	0.05999	0	0.05999
0	0.37999	0	0.37999	0	0.05	0	0.05	0	0.05
0	0.40999	0	0.40999	0	0.05999	0	0.05999	0	0.05999
0	0.4	0	0.4	0	0.05	0	0.05	0	0.05
0	0.31999	0	0.31999	0	0.05999	0	0.05999	0	0.05999
0	0.31999	0	0.31999	0	0.43	1	0.3	0	5.2
0	1.82	1	1.58	0	0.05999	0	0.05999	0	0.05999
0	0.4	0	0.4	0	0.6	0	0.6	0	0.6
0	0.4	0	0.4	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0	0.34999	0	0.31	0	0.31	0	0.61
0	0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0	0.38999	0	0.05999	0	0.05999	0	0.05999
0	0.38999	0	0.38999	0	0.05	0	0.05	0	0.05
1	0.37999	0	0.37999	0	0.05999	0	0.05999	0	0.05999
0	3.26	0	3.26	0	0.07	1	0.05999	0	0.05999
1	0.61	1	0.37999	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.61	0	0.61	0	0.61
0	1.89	0	1.89	0	0.61	0	0.61	0	0.61
1	0.38999	0	0.38999	0	0.3	0	0.3	0	0.3
0	0.33	0	0.33	0	0.28999	0	0.28999	0	0.6
0	0.33	0	0.33	0	0.21999	0	0.21999	0	4.3
0	0.34	0	0.34	0	1.3	0	1.3	0	1.3
0	0.34999	0	0.34999	0	0.31	0	0.31	0	0.31

0	0.31999	0	0.31999	0	0.62999	0	0.62999	0	1.7
0	0.33	0	0.33	0	0.64999	0	0.64999	0	1.1
0	0.31	0	0.31	0	0.67	0	0.67	0	0.67
0	0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999
0	1.8	0	1.8	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.07	0	0.07	0	0.07
0	0.36	0	0.36	0	0.31	0	0.31	0	2
0	0.37999	0	0.37999	0	0.67	0	0.67	0	0.67
0	0.34999	0	0.34999	0	0.64999	0	0.64999	0	0.64999
0	0.34999	0	0.34999	0	1.3	0	1.3	0	1.3
0	0.37	0	0.37	0	0.05999	0	0.05999	0	0.05999
0	0.36	0	0.36	0	0.05999	0	0.05999	0	0.05999
0	0.34999	0	0.34999	0	0.05999	0	0.05999	0	0.05999
0	0.34	0	0.34	0	0.056	0	0.056	0	0.087
1	0.99	1	0.47999	1	0.012	0	0.003	1	0.012
0	0.34	0	0.34	0	0.013	0	0.003	1	0.013
0	0.36	0	0.36	0	0.011	0	0.004	1	0.011
0	0.37	0	0.37	0	0.012	0	0.016	1	0.012
0	0.37	0	0.37	0	0.011	0	0.035	1	0.011
0	0.37	0	0.37	0	0.012	0	0.035	1	0.012
0	0.36	0	0.36	0	0.012	0	0.009	1	0.012
0	0.34999	0	0.34999	0	0.011	0	0.039	1	0.011
0	0.33	0	0.33	0	0.012	0	0.058	1	0.012
0	0.37999	0	0.37999	0	0.013	0	0.002	1	0.013
0	0.37	0	0.37	0	0.012	0	0.008	1	0.012
0	0.40999	1	0.37999	0	0.013	0	0.01	1	0.013
0	0.38999	0	0.38999	0	0.012	0	0.006	1	0.012
0	0.4	0	0.4	0	0.013	0	0.004	1	0.013
0	0.36	0	0.36	0	0.012	0	0.009	1	0.012
0	0.37	0	0.37	0	0.013	0	0.003	1	0.013
0	0.40999	0	0.40999	0	0.012	0	0.002	1	0.012
0	0.37	0	0.37	0	0.013	0	0.003	1	0.003
0	0.4	0	0.4	0	0.012	0	0.002	1	0.012
0	0.38999	0	0.38999	0	0.012	0	0.002	1	0.012
0	0.34	0	0.34	0	0.012	0	0.038	1	0.012
0	0.36	0	0.36	0	1.6	0	0.74	1	1.6
0	0.34999	0	0.34999	0	0.012	0	0.002	1	0.008
0	0.37	0	0.37	0	1.5	0	1.5	0	1.5
0	0.41	0	0.41	0	0.012	0	0.002	1	0.012
0	0.39	0	0.39	0	0.013	0	0.004	1	0.013
0	0.43	0	0.43	0	0.012	0	0.01	1	0.012
1	0.13	1	0.37	0	0.012	0	0.002	1	0.018
1	0.029	1	0.4	0	0.013	0	0.034	1	0.013
1	0.4	1	0.12	1	1.7	0	1.7	0	1.7
1	0.1	1	0.4	0	1.6	0	1.6	0	1.6
1	0.028	1	0.4	0	0.012	0	0.031	1	0.012
1	0.12	1	0.36	0	0.012	0	0.013	1	0.0007

1	0.028	1		0.4	0	1.5	0	0.26	1	0.91		
0	0.43	0		0.43	0	11	0	11	0	11		
1	0.39	0		0.39	0	0.13	0	0.13	0	0.13		
0	0.43	0		0.43	0	12	0	12	0	18		
1	0.8	1		0.18	1	1.3	0	1.3	0	1.3		
0	0.42	0		0.42	0	0.012	0	0.012	0	0.012		
1	0.057	1		0.41	0							
0	0.43	0		0.43	0							
1	0.075	1		0.39	0							
1	0.42	0		0.42	0							
1	0.39	0		0.39	0							
0	0.41	0		0.41	0							
1	0.26	1		0.081	1							
1	0.029	1		0.43	0							
1	0.042	1		0.39	0							
0	8.1	0		8.1	0							
1	0.39	0		0.39	0							
0	0.42	0		0.42	0							
1	0.13	1		0.4	0							
1	0.4	0		0.4	0							
0	0.42	0		0.42	0							
1	0.051	1		4.4	0							
0	0.42	0		0.42	0							
0	0.39	0		0.39	0							
1	0.039	1		0.39	0							
0	4.1	0		4.1	0							
0	0.42	0		10	0							
0	0.39	0		0.42	0							
0				0.39	0							

D_Ethyl benzen	Indeno(1,2,3-c	D_Indeno(1,2,:	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercury	Naphthalene	D_Naphthalene	n-Butylbenzene	D_n-Butylbenzer	n-Propylbenzene	D_n-Propylbenzen	Vanadium	D_Vanadium
0	0.13	1	625	1	742	1	12.3	1	0.045	1	0.00011	0	0.00007	0	28.8	1
0	0.025	1	386	1	9.69	1	0.892	1	0.00769	1	0.00011	0	0.00007	0	4.42	1
0	0.0022	1	3600	1	5.54	1	0.206	1	0.0012	1	0.00013	0	0.00008	0	4.75	1
0	0.00016	0	3170	1	38.6	1	9.63	1	0.00038	1	0.00009	0	0.00006	0	2.63	1
0	0.00064	1	1660	1	10.2	1	3.01	1	0.00098	1	0.00011	0	0.00007	0	3.6	1
0	0.48	1	500	1	11.1	1	2.13	1	0.12	1	0.00009	0	0.00006	0	12.3	1
1	0.015	1	1070	1	37.6	1	9.14	1	0.0029	1	0.00036	1	0.007	1	99.1	1
0	0.0012	1	889	1	1.38	1	0.023	1	0.00939	1	0.00009	0	0.00006	0	2.7	1
0	0.00026	1	2400	1	3.02	1	0.0696	1	0.00051	1	17	1	9.1	1	2.18	1
0	0.00016	0	1330	1	73.8	1	0.517	1	0.00074	1	0.05	0	0.05	0	1.75	1
0	0.015	1	991	1	11.9	1	4.5	1	0.013	1	0.05999	0	1.78	1	3.42	1
0	0.366	0	183	1	55.9	1	0.183	1	0.366	0	0.05999	0	0.05999	0	9.9	1
0	0.414	0	888	1	3.71	1	0.0394	1	0.414	0	0.05999	0	0.05999	0	2.22	1
0	0.403	0	16000	1	19.2	1	0.0183	1	0.403	0	0.05	0	0.05	0	1.26	1
0	0.50499	0	9010	1	19.2	1	0.128	1	0.50499	0	7.5	1	1.81	1	1.22	1
0	2.27	0	13400	1	16.1	1	0.03999	0	2.27	0	3.3	1	3	1	3.06	1
0	2.26	0	7400	1	326	1	17.4	1	2.26	0	0.05999	0	0.05999	0	60.7	1
0	2.2	0	9410	1	163	1	12.1	1	2.2	0	0.4	1	0.05999	0	33.1	1
0	11.4	0	1260	1	3.33	1	0.277	0	11.4	0	17.8	1	1.2	0	22.3	1
0	2.14	0	352	1	3.76	0	0.314	0	2.14	0	0.15	1	0.05999	0	15	1
0	1.26	0	20300	1	3.66	0	0.061	0	1.26	0	0.05999	0	0.05999	0	17.3	1
0	0.44	0	17900	1	11.2	1	0.25499	0	13	1	0.05999	0	2.3	1	2.54	1
0	2.2	1	25500	1	263	1	0.34099	1	0.38	0	0.05999	0	0.05999	0	13	0
0	1.7	1	8860	1	182	1	1.2	1	0.39	0	0.05999	0	0.05999	0	61	1
0	0.66	1	5340	1	323	1	4.13	1	0.37	0	0.05999	0	0.05999	0	59.1	1
0	0.38	0	1090	1	243	1	0.386	1	0.38	0	0.05999	0	0.05999	0	40.2	1
0	0.43	0	8830	1	249	1	3.84	1	0.43	0	0.05999	0	0.05999	0	13.6	1
0	0.46	0	32.7	1	6.35	1	0.31799	0	0.46	0	0.05999	0	0.05999	0	29.4	1
0	0.73	0	2180	1	4.8	1	0.12999	0	0.73	0	0.05999	0	0.05999	0	14	0
0	0.46	0	8950	1	334	1	0.84799	1	0.46	0	0.05999	0	0.05999	0	22.5	1
0	0.37	0	11600	1	454	1	0.14499	1	0.37	0	15.04	1	1.59	1	19.1	1
0	0.37	0	1350	1	274	1	4.41	1	0.37	0	13.83	1	2.1	1	14	0
0	0.38	0	901	1	259	1	1.08	1	0.38	0	5.6	1	0.05999	0	17.8	1
0	1.2	0	4500	1	99.7	1	1.32	1	1.2	0	8.59	1	4.19	1	14.5	1
1	0.33	0			4.4	1	0.14	0	0.33	0	17.2	1	0.05999	0	2.2	1
1	1.87	0			380	1	2.02	1	1.87	0	0.07	0	0.07	0	2.4	1
1	5.54	0			129	1	2.39	1	5.54	0	0.09	1	0.05	0	22	0
1	1.6	0			3.8	1	0.26199	1	1.6	0	0.07999	1	0.34999	1		
0	5.42	0			269	1	2.76	1	5.42	0	0.05	0	0.05	0		
0	6.11	0			256	1	1.77	1	6.11	0	0.05999	0	0.05999	0		
1	5.53	0			538	1	0.62999	0	5.53	0	0.05	0	0.05	0		
0	0.31	0			111	1	0.55	0	0.31	0	0.07	0	0.07	0		
0	0.31999	0			19.9	1	0.62	0	0.31999	0	3.45	1	1.46	1		
0	0.36	0			427	1	0.55	0	0.36	0	0.05999	0	0.05999	0		
0	0.36	0			121	1	0.64999	0	0.36	0	0.05999	0	0.05999	0		
0	0.40999	0			22.2	1	0.54	0	0.40999	0	0.05999	0	0.05999	0		

0	0.33	0	12.2	0	8.91	1	0.33	0	0.05	0	0.05	0
0	3.98	0	297	1	0.62999	0	6.48	1	0.05999	0	0.05999	0
0	4.1	0	119	1	0.6	0	4.1	0	0.05999	0	0.05999	0
0	2.01	0	102	1	0.6	0	2.01	0	0.05	0	0.05	0
0	0.31	0	165	1	12.6	1	0.70999	1	0.05	0	0.05	0
0	3.1	0	12.7	0	0.34999	1	3.1	0	0.05	0	0.05	0
0	1.9	0	34.7	1	0.61	0	1.9	0	0.05999	0	0.05999	0
0	0.37999	0	12	0	0.37	1	0.37999	0	0.05999	0	0.05999	0
1	0.72	0	204	1	0.52999	1	0.72	0	0.05999	0	0.05999	0
0	3.6	0	74.3	1	3.2	1	3.6	0	0.07	0	0.07	0
0	0.37999	0	12.1	0	10.3	1	0.37999	0	0.18	1	0.05999	0
0	0.33	0	11.9	0	2.78	1	0.33	0	0.05999	0	0.05999	0
0	0.33	0	61.5	1	0.34999	1	0.33	0	0.05	0	0.05	0
0	0.4	0	374	1	0.56	0	0.4	0	0.05999	0	0.05999	0
0	0.36	0	124	1	0.50999	0	0.36	0	0.05999	0	0.05999	0
1	0.34999	0	198	1	0.52999	0	0.34999	0	0.05999	0	0.05999	0
0	0.34999	0	404	1	0.66	0	0.34999	0	0.05999	0	0.05999	0
0	0.34999	0	36.5	1	0.68	0	0.34999	0	0.05999	0	0.05999	0
0	0.34	0	10.3	0	0.66	0	0.34	0	0.05999	0	0.05999	0
0	0.34	0	10.5	0	0.23	1	0.34	0	0.07	0	0.07	0
0	0.34	0	21.8	1	0.23	1	0.34	0	0.07	0	0.07	0
0	0.34	0	20.5	1	1.72	1	0.34	0	0.05999	0	0.05999	0
0	0.34999	0	140	1	0.52999	0	0.34999	0	0.05999	0	0.05999	0
0	0.34999	0	182	1	4.27	1	7.37	1	0.05	0	0.05	0
0	0.31999	0	182	1	0.31999	1	5.72	1	0.05999	0	0.05999	0
0	0.34	0	994	1	1.9	0	0.34	0	0.05999	0	0.05999	0
0	0.3	0	131	1	0.63999	0	0.3	0	0.05999	0	0.05999	0
0	0.37999	0	288	1	0.6	0	0.37999	0	0.05999	0	0.05999	0
0	0.34	0	11.4	0	0.6	0	0.34	0	0.05999	0	0.05999	0
0	0.31999	0	12.6	0	0.63999	0	0.31999	0	0.05999	0	0.05999	0
0	0.34	0	12.8	0	3.58	1	0.34	0	0.05999	0	0.05999	0
0	0.34999	0	11.9	0	0.66	0	0.34999	0	0.05999	0	0.05999	0
0	0.38999	0	12	0	0.44999	1	0.38999	0	25.2	1	31.3	1
0	0.38999	0	12.7	0	0.52999	0	4.49	1	0.07	0	0.07	0
1	0.43	0	27.2	1	0.62	0	0.43	0	0.05999	0	0.05999	0
0	0.37	0	11	0	0.55	0	0.70999	1	8.85	1	20.8	1
0	0.4	0	12.5	1	0.57999	1	0.4	0	15.8	1	3.2	1
0	0.31999	0	10.7	0	0.54	0	0.31999	0	8	1	2.8	0
0	0.34999	0	75.3	1	0.6	0	0.34999	0	4.9	1	3	0
0	0.33	0	15.2	1	0.57999	0	0.33	0	18.3	1	3.2	0
0	0.34	0	26.9	1	1.12	1	0.34	0	13	1	3.1	0
0	0.31999	0	27.6	1	5.74	1	0.31999	0	0.05999	0	0.05999	0
0	0.38999	0	12.4	0	1.03	1	0.38999	0	0.05999	0	0.05999	0
0	0.36	0	20.7	1	14.09	1	0.36	0	0.05	0	0.05	0
0	0.37999	0	12.9	0	0.61	1	0.37999	0	0.07	0	0.07	0
0	0.38999	0	27.3	1	3.15	1	0.38999	0	0.12999	0	0.12999	0
0	0.34999	0	12	0	2.08	1	0.34999	0	0.07	0	0.07	0

0	0.38999	0	11.6	0	0.58999	0	0.38999	0	4.1	1	3.3	1
0	0.36	0	11.7	0	0.52999	0	0.36	0	8.9	1	6.6	0
0	0.31999	0	55.3	1	0.76999	1	0.31999	0	3.7	1	2.2	1
0	0.37	0	11.3	0	0.74	1	0.37	0	0.10999	1	0.05999	0
0	0.34	0	426	1	0.73	1	0.34	0	0.05999	0	0.05999	0
0	0.31999	0	11.3	0	0.66	1	0.31999	0	0.05999	0	0.05999	0
0	0.31	0	42.5	1	0.56999	0	0.31	0	0.56	1	0.07	1
0	0.31999	0	11.8	0	0.67	0	0.31999	0	0.05999	0	0.05999	0
0	0.33	0	150	1	0.50999	1	0.33	0	0.05999	0	0.05999	0
0	0.37999	0	283	1	0.54	0	0.37999	0	0.05999	0	0.05999	0
0	0.34	0	433	1	11	1	0.34	0	0.07	0	0.07	0
0	0.4	0	150	1	3.73	1	0.4	0	0.05999	0	0.05999	0
0	0.33	0	87.1	1	0.51999	0	0.33	0	0.07	0	0.10999	1
0	0.36	0	64.4	1	0.67	1	0.36	0	5.8	1	2.7	1
1	0.31999	0	72.2	1	0.54	0	0.31999	0	0.05999	0	0.05999	0
0	0.34999	0	35.6	1	0.62999	0	0.34999	0	4.4	1	2.1	1
0	0.33	0	46.6	1	0.56999	0	0.33	0	14.8	1	3.8	1
0	0.37	0	10.8	0	0.88999	1	0.37	0	0.27	0	0.27	0
0	0.34	0	215	1	0.50999	0	0.34	0	0.05999	0	0.05999	0
0	0.36	0	613	1	0.51999	0	0.36	0	1.1	1	0.66	0
0	0.37999	0	10.5	0	0.52999	0	0.37999	0	0.07	0	0.07	0
0	0.34999	0	45.7	1	0.56	0	0.34999	0	0.07	0	0.07	0
0	0.38999	0	44.4	1	2.22	1	0.38999	0	0.07	0	0.07	0
0	0.38999	0	36.6	1	0.64999	0	0.38999	0	0.05999	0	0.05999	0
1	0.36	0	411	1	0.66	0	0.36	0	0.07	0	0.07	0
0	0.36	0	186	1	0.72	0	0.36	0	0.05999	0	0.05999	0
0	0.31999	0	377	1	1.23	1	0.31999	0	0.15	1	0.05999	0
1	0.34	0	554	1	2.15	1	0.34	0	0.07999	1	0.07	1
0	0.37	0	10.7	0	0.68	0	0.37	0	0.05999	0	0.05999	0
0	0.34	0	73.2	1	0.61	0	0.34	0	0.07	0	0.07	0
0	0.34999	0	244	1	0.66	0	0.34999	0	0.05999	0	0.05999	0
0	0.34	0	205	1	5.99	1	0.34	0	0.07	0	0.07	0
0	0.34	0	13.8	1	9.6	1	0.34	0	0.05999	0	0.05999	0
0	0.34999	0	769	1	9.36	1	0.34999	0	0.05999	0	0.15	1
0	0.33	0	832	1	0.56999	0	0.33	0	0.05	0	0.05	0
0	0.40999	0	1580	1	1.69	1	4.51	1	0.28	1	0.25999	0
0	0.40999	0	922	1	0.64999	0	0.57999	1	0.05999	0	0.05999	0
0	0.34999	0	385	1	0.56999	0	0.34999	0	73.6	1	27.9	1
0	0.34	0	13.2	0	0.54	0	0.34	0	7.5	1	4.1	1
0	0.34999	0	51.7	1	0.92	1	0.34999	0	0.11999	1	0.18	1
1	0.34	0	63.2	1	0.8	1	1.16	1	7.4	1	3.5	1
0	0.63999	1	223	1	0.57999	0	0.36	0	0.61	0	9.7	1
0	0.38999	0	11.5	0	1.17	1	0.38999	0	0.07999	1	0.07999	1
0	0.37	0	10.8	0	0.64999	0	0.37	0	0.14	1	0.07	0
0	0.36	0	20.2	1	0.64999	0	0.36	0	0.05999	0	0.10999	1
0	0.33	0	11.4	0	0.57999	0	0.33	0	0.05999	1	0.05999	0
0	0.33	0	284	1	2.79	1	0.33	0	0.05999	0	0.05999	0

1	0.38999	0	234	1	0.58999	0	0.38999	0	0.10999	1	0.05999	0
0	0.38999	0	205	1	0.58999	0	0.38999	0	0.07	0	0.07	0
0	0.40999	0	194	1	0.67	0	0.40999	0	0.05999	0	0.21999	1
0	0.46999	0	68.9	1	0.83999	1	0.76999	1	0.17	1	0.31	1
0	0.4	0	412	1	1.1	1	0.4	0	0.05999	0	0.21999	1
1	0.4	0	45	1	0.62999	1	0.4	0	0.05999	0	0.2	1
0	0.36	0	11.1	0	0.56999	0	0.36	0	12.2	1	4.5	1
0	0.36	0	247	1	0.61	0	0.36	0	0.05999	0	0.05999	0
0	0.37999	0	285	1	0.54	0	0.37999	0	0.07	0	0.07	0
0	0.34	0	11.5	0	0.61	0	0.34	0	0.05999	0	0.05999	0
0	0.34	0	22.1	1	0.56	0	0.34	0	0.07	0	0.07	0
0	0.36	0	25.2	1	0.52999	0	0.36	0	0.05999	0	0.05999	0
0	0.34999	0	44.1	1	0.51999	0	0.34999	0	0.05999	0	0.05999	0
0	0.37	0	33.5	1	0.54	0	0.37	0	0.05999	0	0.05999	0
0	0.38999	0	83	1	0.75999	1	0.38999	0	0.12999	1	0.07	1
1	0.38999	0	12.9	0	0.62999	0	1.05	1	0.05999	0	0.05999	0
1	0.37	0	131	1	0.56999	0	0.37	0	0.07	0	0.07	0
0	0.37999	0	11.4	0	0.67	0	0.37999	0	0.05999	0	0.05999	0
1	0.4	0	116	1	0.55	0	0.4	0	0.05999	0	0.05999	0
1	0.4	0	26.3	1	0.6	0	0.4	0	23.9	1	9.2	1
1	0.37999	0	12.2	0	0.50999	1	0.37999	0	1.6	1	0.72	1
0	0.4	0	67.2	1	0.56	0	0.4	0	0.28	1	0.10999	1
0	0.4	0	10.7	0	0.52999	0	0.4	0	0.05	0	0.05	0
0	0.4	0	33.9	1	0.58999	0	0.4	0	23.9	1	8.9	1
0	0.4	0	10.8	0	0.56	0	0.4	0	0.33	1	0.15	1
0	0.39	0	513	1	0.62	0	3.5	1	0.8	1	0.95999	1
0	0.36	0	12.6	0	0.88999	1	2.18	1	0.05999	0	0.05999	0
0	0.4	0	18.7	1	0.6	0	0.4	0	0.07	1	0.05999	0
0	0.37	0	14.8	1	1.29	1	0.37	0	0.05999	0	0.05999	0
1	0.36	0	49.2	1	0.64999	0	1.11	1	0.05999	0	0.05999	0
0	0.41999	0	12	0	0.64999	0	0.41999	0	4.6	1	4.2	1
0	0.37	0	104	1	0.55	1	0.37	0	9	1	3.1	1
1	0.4	0	171	1	8.96	1	0.4	0	4.9	1	2.4	1
0	0.37999	0	218	1	1.58	1	0.37999	0	18.6	1	8.9	1
0	0.40999	0	11.8	0	1.35	1	0.40999	0	0.05	0	0.05	0
0	0.40999	0	19.5	1	0.61	0	0.40999	0	0.05999	0	0.10999	1
0	0.33	0	12.4	0	1.72	1	0.33	0	0.91	1	0.07999	1
0	0.34	0	189	1	0.56	0	0.34	0	9.9	1	2.9	1
0	0.38999	0	16.9	1	0.54	0	0.38999	0	0.34999	1	0.67	1
0	0.36	0	103	1	2.09	1	0.36	0	0.07	1	0.05	0
0	0.38999	0	148	1	0.57999	0	0.79	1	0.07999	1	0.05	0
0	0.4	0	33.8	1	5.61	1	0.4	0	0.05999	0	0.05999	0
0	0.34999	0	13	0	6.67	1	0.34999	0	0.05999	0	0.05999	0
0	0.4	0	13.1	0	20.8	1	0.4	0	0.05	0	0.05	0
0	0.36	0	74.2	1	0.72	1	0.36	0	0.05999	0	0.05999	0
1	0.38999	0	12.1	0	0.63999	1	0.61	1	0.05	0	0.05	0
1	0.38999	0	78.5	1	0.28999	1	0.46	1	0.05999	0	0.05999	0

1	0.34999	0	128	1	0.76999	1	0.34999	0	11	1	8.4	1
0	0.34999	0	12.3	0	0.57999	0	0.34999	0	0.05999	0	0.05999	0
1	0.34	0	1920	1	0.51999	0	0.34	0	1.5	1	1.2	1
1	0.34999	0	11.2	0	1	1	0.34999	0	0.05999	0	0.05999	0
1	0.38999	0	20.9	1	0.89999	1	0.38999	0	1	1	0.62	1
0	0.41	0	1.93	1	0.6	0	0.41	0	3.9	1	1.9	1
1	0.34	0	45	1	3.84	1	0.34	0	0.44999	1	0.05999	0
0	0.37	0	157	1	0.57999	0	0.37	0	0.10999	1	0.05999	0
0	0.36	0	3000	1	0.89999	1	0.36	0	0.05999	0	0.05999	0
1	0.36	0	205	1	0.62999	0	0.36	0	0.05999	0	0.05999	0
1	0.4	0	220	1	1.74	1	0.5	1	0.05	0	0.05	0
1	0.34999	0	234	1	0.58999	0	0.34999	0	0.05999	0	0.05999	0
1	0.38999	0	185	1	0.61	0	0.38999	0	0.37999	1	0.11999	1
0	0.36	0	22.4	1	1.05	1	0.36	0	0.05999	0	0.05999	0
0	0.38999	0	13.8	1	2.04	1	0.38999	0	1.4	1	0.91	1
1	0.34999	0	57.4	1	0.56999	0	0.34999	0	0.61	0	0.61	0
1	0.34	0	105	1	3.86	1	0.34	0	1.6	1	0.3	0
1	0.37	0	273	1	0.68	0	0.37	0	7.1	1	0.89999	1
0	0.33	0	107	1	0.62	0	0.33	0	2.7	1	1.6	1
1	0.36	0	70.5	1	1.12	1	0.36	0	2.6	1	2.3	1
0	0.41999	0	157	1	3.97	1	0.41999	0	0.46999	1	0.37	1
0	0.33	0	33.2	1	0.56999	1	0.33	0	22.3	1	3.1	1
0	0.37999	0	325	1	18.1	1	0.37999	0	2.2	1	2	1
0	0.40999	0	22.7	1	0.55	1	5.08	1	0.67	0	0.67	0
0	0.4	0	16.6	1	12.4	1	1.51	1	0.1	1	0.07	1
0	0.31999	0	11.8	0	3.51	1	0.31999	0	1.8	1	0.37	1
1	0.31999	0	92.1	1	0.55	0	0.31999	0	3.8	1	0.61	1
0	1.58	0	136	1	0.57999	0	14.6	1	2.8	1	0.82999	1
0	0.4	0	321	1	0.77999	1	8.1	1	0.73	1	0.67	0
0	0.4	0	72	1	0.56999	0	3.15	1	0.64999	0	0.64999	0
0	0.38999	0	27.4	1	0.56	0	1.3	1	7.4	1	1.9	1
1	0.34999	0	13.6	0	0.56	0	0.34999	0	0.10999	1	0.05999	0
0	0.34999	0	78.7	1	3.16	1	0.34999	0	0.05999	0	0.05999	0
0	0.36	0	182	1	6.07	1	0.36	0	0.05999	0	0.05999	0
0	0.38999	0	26.3	1	13	1	5.48	1	9.1	1	14	1
0	0.38999	0	62.6	1	0.91	1	0.95999	1				
0	0.38999	0	57.5	1	1.43	1	0.38999	0				
0	0.37999	0	53.7	1	0.58999	0	1.56	1				
0	3.26	0	12	0	1.31	1	3.26	0				
0	0.37999	0	305	1	10	1	0.37999	0				
0	0.34	0	80.3	1	10	1	0.34	0				
0	1.89	0	91.6	1	0.58999	0	5.78	1				
0	0.38999	0	11.7	0	0.56999	0	0.38999	0				
1	0.33	0	42.9	1	0.57999	0	0.33	0				
1	0.33	0	11.3	0	0.64999	1	0.33	0				
0	0.34	0	69	1	0.57999	0	0.34	0				
0	0.34999	0	11.2	0	0.56999	0	0.34999	0				

1	0.31999	0	520	1	5	1	0.31999	0
1	0.33	0	876	1	1.02	1	0.33	0
0	0.31	0	1100	1	4.58	1	0.31	0
0	0.34999	0	80.9	1	0.89999	1	0.34999	0
0	1.8	0	653	1	0.56	0	2.56	1
0	0.34	0	204	1	0.61	0	0.34	0
1	0.36	0	347	1	0.56999	0	9.56	1
0	0.37999	0	86.2	1	0.62999	0	0.37999	0
0	0.34999	0	232	1	2.66	1	3.33	1
0	0.34999	0	11.7	0	0.56	0	2.35	1
0	0.37	0	22.5	1	5.08	1	0.37	0
0	0.36	0	77.1	1	0.73	1	0.36	0
0	0.34999	0	37.4	1	0.56999	0	0.34999	0
1	0.34	0	29.4	1	0.66	0	0.34	0
0	0.31999	0	11.3	0	0.64999	0	0.31999	0
0	0.34	0	436	1	0.68	0	0.34	0
0	0.36	0	33.6	1	0.79	0	0.36	0
0	0.37	0	65.9	1	4.04	1	0.37	0
0	0.37	0	20.1	1	10.4	1	0.37	0
0	0.37	0	12.5	0	2.66	1	0.37	0
0	0.36	0	628	1	2.63	1	0.40999	1
0	0.34999	0	104	1	2.37	1	0.34999	0
0	0.33	0	24.8	1	20.8	1	1.46	1
0	0.37999	0	12.2	0	0.56999	0	0.37999	0
0	0.37	0	327	1	0.62999	0	0.37	0
0	0.37999	0	18.9	1	0.81999	1	0.37999	0
0	0.38999	0	90.2	1	1.63	1	0.38999	0
0	0.4	0	85.3	1	0.57999	0	0.4	0
0	0.36	0	62.6	1	0.66	0	0.81	1
0	0.37	0	71.5	1	0.67	0	1.01	1
0	0.40999	0	32	1	0.6	0	0.40999	0
1	0.37	0	13.2	0	0.6	0	0.37	0
0	0.4	0	12.9	0	2.73	1	0.4	0
0	0.38999	0	21	1	0.77999	1	0.54	1
0	0.34	0	31.6	1	1.89	1	0.34	0
0	0.36	0	15.4	1	0.56	0	0.36	0
1	0.34999	0	246	1	0.6	0	0.34999	0
0	0.37	0	46.2	1	0.70999	1	0.37	0
0	0.41	0	137	1	0.55	0	3.4	1
0	0.39	0	4430	1	0.54	0	0.39	0
0	0.43	0	160	1	0.57999	0	0.43	0
1	0.11	1	81.2	1	0.67	0	0.083	1
0	0.027	1	12.7	1	2.16	1	0.06599	1
0	0.36	1	207	1	2.55	1	0.081	1
0	0.087	1	214	1	2.14	1	0.064	1
0	0.027	1	383	1	0.56	0	0.4	0
1	0.059	1	125	1	2.03	1	0.065	1

1	0.074	1	639	1	0.67	1	0.17	1
0	0.43	0	53.7	1	0.76999	1	0.013	1
0	0.39	0	112	1	0.56999	0	0.31	1
1	0.43	0	12	0	0.56999	0	0.43	0
0	0.51	1	29.7	1	1.18	1	0.14	1
0	0.42	0	26.3	1	0.62	0	0.42	0
	0.065	1	32.8	1	0.64999	0	0.059	1
	0.43	0	468	1	0.64999	0	0.43	0
	0.088	1	231	1	1.52	1	0.036	1
	0.42	0	29	1	0.62999	0	1.1	1
	0.39	0	132	1	0.66	0	0.39	0
	0.41	0	65.8	1	0.67	0	0.41	0
	0.2	1	115	1	0.62999	0	0.042	1
	0.04	1	169	1	0.66	0	0.084	1
	0.052	1	249	1	0.66	0	0.85	1
	8.1	0	265	1	0.67	0	28	1
	0.39	0	176	1	0.66	0	0.39	0
	0.047	1	559	1	0.085	1	0.42	0
	0.096	1	95.6	1	0.61	0	0.4	0
	0.4	0	239	1	0.67	0	0.4	0
	0.42	0	74.7	1	0.62	0	0.42	0
	0.07	1	122	1	0.6	0	0.3	1
	0.42	0	218	1	0.69999	0	0.42	0
	0.39	0	285	1	0.62	0	0.39	0
	0.072	1	91.1	1	0.67	0	0.12	1
	4.1	0	26.6	1	0.62999	0	9.3	1
	10	0	507	1	0.68	0	18	1
	0.42	0	117	1	0.56999	0	10	0
	0.39	0	299	1	0.55	0	9.5	1
			26.7	1	0.56	0	0.42	0
			86.6	1	0.55	0	0.39	0
			176	1	1.44	1		
			28.4	1	0.61	0		
			13.3	0	0.64999	0		
			20.7	1	0.66	0		
			12	1	0.57999	0		
			15.7	1	0.62999	0		
			219	1	0.57999	0		
			12.5	0	0.66	0		
			44.9	1	0.61	0		
			13.9	0	0.64999	0		
			12.3	0	0.64999	0		
			13.5	0	0.58999	0		
			12.7	0	0.57999	0		
			29.9	1	0.56	0		
			37.3	1	0.57999	0		
			11.5	1	12.5	1		

38.1	1	0.124	1
26	1	0.56999	0
19.9	1	0.75999	1
70.2	1	1.44	1
13.1	0	0.56	1
310	1	0.67	0
110	1	3.82	1
168	1	0.66	0
104	1	10.4	1
78.5	1	0.64999	0
428	1	9.92	1
38.9	1	2.86	1
20.3	1	0.62	0
98.7	1	0.55	0
134	1	17.2	1
418	1	0.69999	0
366	1	19.4	1
13	0	0.62999	0
9.4	1	0.68999	0
11.4	0	0.56	0
66	1	1.33	1
368	1	14.1	1
48.2	1	0.95999	1
13.5	0	0.52999	0
145	1	0.56	0
13.1	0	0.56	0
116	1	0.99	1
14.3	1	1.6	1
281	1	1.3	1
34.4	1	0.58999	0
26.1	1	0.57999	0
19.2	1	0.6	0
116	1	0.66	0
13.9	0	3.41	1
541	1	0.5	1
12.6	0	9.03	1
20.5	1	5.18	1
44.6	1	2.13	1
19.2	1	0.62	1
74.7	1	5.43	1
76.2	1	2.73	1
92.3	1	1.54	1
14.5	1	8.63	1
186	1	3.3	1
16.5	1	1.71	1
70.6	1	3.91	1
269	1	9.11	1

85.5	1	9.98	1
226	1	15.4	1
180	1	3.81	1
13.1	0	18.5	1
17.5	1	7.19	1
13	0	15.4	1
12.8	0	6.27	1
299	1	3.96	1
996	1	2.78	1
3650	1	1.63	1
35.9	1	1.58	1
68.5	1	14.6	1
99.1	1	6.9	1
90.1	1	2.14	1
23.2	1	0.56999	0
153	1	0.6	0
20.3	1	1.23	1
111	1	0.58999	0
85.1	1	0.62999	0
167	1	12.6	1
66.2	1	1.61	1
159	1	0.64999	0
51.6	1	1.4	1
97.2	1	0.87999	1
501	1	0.57999	0
220	1	0.56	0
28.9	1	0.52999	0
76.6	1	0.56999	0
12	0	0.63999	1
197	1	1.37	1
105	1	3.6	1
52.4	1	0.72	1
11.5	0	2.33	1
21.7	1	1.1	1
40.3	1	0.55	0
11.8	0	0.70999	1
12.5	0	3.72	1
39.8	1	2.12	1
52	1	2.49	1
13.1	0	3.01	1
69.7	1	1.4	1
131	1	1.74	1
146	1	5.2	1
289	1	0.62	0
454	1	2.33	1
339	1	0.81	1
198	1	0.63999	0

51.3	1	0.61	0
173	1	0.58999	0
39.8	1	0.62	0
97.5	1	4.32	1
188	1	1.76	1
305	1	0.95999	1
217	1	0.8	1
101	1	0.027	1
62.6	1	0.37999	1
44.7	1	0.1	1
33.4	1	0.05	0
217	1	3.2	1
73.5	1	0.62999	1
215	1	9.2	1
12.3	0	1.6	1
40.2	1	0.46	1
40.2	1	1.2	1
95	1	2.9	1
32.7	1	0.75	1
11.8	0	0.00999	0
167	1	0.05999	1
54.6	1	3.3	1
51	1	1.4	1
104	1	0.36	1
124	1	0.03999	1
7.2	1	0.68999	1
18.6	1	0.07	1
25.1	1	0.41999	1
1.9	1	0.12999	1
119	1	0.49	1
116	1	0.14	1
128	1	3.9	1
116	1	0.38999	1
38.2	1	0.18999	1
65	1	0.07999	1
346	1	1.2	1
50	1	0.49	1
63.9	1	0.03999	1
6.6	1	0.07	1
122	1	0.1	1
23.7	1	0.07999	1
124	1	0.09	1
8.9	1	0.01999	1
93.4	1	0.05	0
5.8	1	0.34	1
185	1	3.2	1
17.4	1	0.21999	0

821	1	10	1
103	1	0.77999	1
931	1		
148	1		
63.8	1		
20.6	1		
393	1		
703	1		
92.9	1		
98	1		
63.6	1		
74.3	1		
67.3	1		
60.5	1		
190	1		
17	1		
16	1		
43	1		
28.3	1		
15.3	1		

1,2,4-Trimetl	D_1,2,4-Trim	1-Methyl Na	D_1-Methyl	Aluminum	D_Aluminun	Arsenic	D_Arsenic	Antimony	D_Antimon	Aroclor-1254	D_Aroclor-12	Aroclor-1260	D_Aroclor-12	Aroclor-1268	D_Aroclor-126	Benzo(a)ant	D_Benzo(a)a
0.00011	0	26.9	1	2180	1	2.1	1	0.11999	1	0.0019	0	0.061	0	0.48	1	20	1
0.00011	0	0.34	0	2950	1	0.34999	1	0.05	1	0.0017	0	0.029	0	0.2	1	0.0083	1
0.00013	0	12.3	1	1840	1	0.6	1	0.05	1	0.0078	0	0.018	0	0.14	1	0.13	1
0.00012	0	6.99	1	3310	1	0.25999	1	0.15	1	0.019	0	0.019	0	1.5	1	0.058	1
0.00011	0	0.31999	0	2610	1	0.18999	0	0.324	1	0.0019	0	0.034	0	0.35	1	0.014	1
0.00011	0	0.31	0	4100	1	0.38999	1	0.026	1	0.02	1	0.025	0	0.16	1	0.0017	1
0.00013	0	4.93	1	1080	1	0.2	0	0.056	1	0.037	0	0.05	0	0.27	1	0.095	1
0.00013	0	0.37	0	2420	1	0.23	0	0.039	1	0.0019	0	0.057	0	0.46	1	0.00048	0
0.00011	0	0.33	0	1980	1	0.28	1	0.074	1	0.27	1	0.021	0	3.2	1	0.0011	1
0.00011	0	0.33	0	1310	1	0.23	0	0.03799	1	0.00209	0	0.00209	0	0.0036	1	0.0091	1
0.00016	1	0.36	0	2700	1	0.2	0	0.02999	1	0.3	1	0.055	0	52	1	0.014	1
0.00012	0	0.33	0	511	1	0.18	0	0.03999	1	0.00209	0	0.00209	0	0.0061	1	0.0015	1
0.00011	0	0.37999	0	4240	1	0.44999	1	0.05	1	0.00209	0	0.00209	0	0.00209	0	0.22	1
0.00011	0	1.71	1	3400	1	0.37999	1	0.027	1	0.00469	1	0.00209	0	0.053	1	0.00048	0
0.00011	0	7.1	1	3150	1	0.33	1	0.023	1	0.41	1	0.021	0	12	1	0.00069	1
0.00013	0	0.56	1	3270	1	0.4	1	0.037	1	0.00209	0	0.00209	0	0.02	1	0.00068	1
0.00013	0	2.01	1	2170	1	2.84	1	0.06199	1	0.057	1	0.012	0	1.1	1	0.00094	1
0.05	0	0.37999	0	462	1	2.5	0	0.04699	1	0.00209	0	0.00209	0	0.0075	1	0.041	1
0.07	0	0.31999	0	3680	1	2.2	0	0.056	1	0.00209	0	0.00209	0	0.00989	1	0.038	1
0.05999	0	0.31999	0	3070	1	2.1	0	0.04399	1	0.0032	1	0.00209	0	0.09	1	0.22	1
0.05999	0	0.31	0	30200	1	15.7	1	0.06499	1	0.021	1	0.00209	0	0.027	1	0.00209	1
0.05999	0	0.31999	0	6710	1	13.3	1	15	0	0.0043	1	0.00209	0	0.079	1	0.399	0
0.05999	0	0.31999	0	24500	1	10	1	13	0	0.15	0	0.087	0	1.2	1	0.399	0
0.05999	0	0.31999	0	1790	1	2.53	0	13	0	0.015	1	0.00209	0	1	1	0.399	0
0.05999	0	0.31	0	2000	1	0.52999	1	29	0	0.0036	1	0.00209	0	0.075	1	0.399	0
0.05999	0	0.31	0	2500	1	0.68999	1	40	0	2.29	1	0.0399	0	9.06	1	1.2	0
0.05	0	0.34999	0	3200	1	0.79	1	30	0	1.14	1	0.0399	0	4.35	1	0.399	0
0.05999	0	0.31999	0	3000	1	6	0	15.2	0	1.59	0	1.59	0	26.6	1	0.688	1
0.05999	0	0.31	0	2100	1	2.5	1	22	1	0.145	1	0.0399	0	2.17	1	0.37	0
0.05	0	0.31999	0	1600	1	1.7	0	1.1	0	0.199	0	0.199	0	3.02	1	0.35	0
0.05999	0	0.31999	0	1500	1	2	0	1.2	0	0.0399	0	0.0399	0	0.0202	0	0.78	0
1.03	1	0.3	0	1700	1	1.7	0	1.1	0	0.399	0	0.399	0	3.14	1	1.1	0
0.05999	1	0.3	0	1900	1	1.5	0	1.2	0	0.0399	0	0.0399	0	0.374	1	2.6	1
1.3	1	0.3	0	4300	1	1.8	0	1.1	1	0.0404	0	0.0404	0	0.0404	0	0.42	0
0.10999	1	0.34	0	4800	1	1.5	0	1.3	0	0.0386	0	0.0386	0	0.0386	0	0.31999	0
0.10999	1	0.34999	0			1.8	0	1.1	0	0.392	1	0.0392	0	0.404	1	0.43	0
0.05999	0	0.37999	0			1.6	0	1.3	0	0.0408	0	0.0408	0	0.433	1	0.34	0
0.05999	0	0.34999	0			1.7	0	2.5	1	0.0394	0	0.0394	0	0.0394	0	0.33	0
0.05	0	0.34	0					3.4	1	0.945	1	0.0433	0	2.36	1	0.36	0
0.05	0	0.36	0							1.07	1	0.0811	0	3.07	1	0.36	0
0.05	0	0.74	1							0.0367	0	0.0367	0	0.133	1	0.37	0
0.05	0	0.34	0							0.0379	0	0.0379	0	0.0379	0	0.37	0
0.05	0	0.31999	0							0.0359	0	0.0359	0	0.0359	0	0.34	0
0.05	0	0.37	0							0.0405	0	0.0405	0	0.05409	1	0.31	0
0.05	0	0.33	0							0.0415	0	0.0415	0	0.0855	1	0.31999	0
0.05	0	0.34	0							0.0406	0	0.0406	0	0.0406	0	0.34	0

0.05	0	0.34	0	0.0405	0	0.0405	0	0.0969	1	0.37	0
0.05	0	0.34999	0	0.0368	0	0.0368	0	0.0368	0	0.33	0
0.05	0	0.34999	0	0.03629	0	0.03629	0	0.03629	0	2.04	1
0.05	0	0.37	0	0.0345	0	0.0345	0	0.04179	1	5.81	0
0.05	0	0.34999	0	0.0367	0	0.0367	0	0.0367	0	0.34	0
0.05	0	0.37	0	0.037	0	0.037	0	0.037	0	1.72	1
0.05	0	0.34	0	0.0366	0	0.0366	0	0.0565	1	1.46	0
0.05	0	0.33	0	0.0358	0	0.0358	0	0.0619	1	1.27	1
0.05999	0	0.36	0	0.0374	0	0.0374	0	0.0374	0	0.31	0
0.05	0	0.38999	0	0.0351	0	0.0351	0	0.0351	0	1.46	0
0.05	0	0.31999	0	0.0379	0	0.0379	0	0.0379	0	0.37	0
0.05999	0	0.36	0	0.035	0	0.035	0	0.035	0	0.33	0
0.05999	0	0.34999	0	0.0357	0	0.0357	0	0.0357	0	0.33	0
0.05999	0	0.38999	0	0.0361	0	0.0361	0	0.0361	0	0.36	1
0.05999	0	0.34	0	0.0395	0	0.0395	0	0.0395	0	0.33	0
0.05999	0	0.4	0	0.0405	0	0.0405	0	0.0405	0	0.37999	0
0.05999	0	0.37999	0	0.0379	0	0.0379	0	0.0379	0	0.74	0
0.05999	0	0.37999	0	0.07869	1	0.04	0	0.436	1	6.84	0
0.05	0	0.33	0	0.0436	0	0.0436	0	0.555	1	0.31999	0
0.05999	0	0.36	0	0.038	0	0.038	0	0.038	0	0.70999	1
0.05999	0	0.37999	0	0.04109	0	0.04109	0	9.09	1	0.37999	0
0.05999	0	0.38999	0	0.041	0	0.041	0	0.0807	1	0.31999	0
0.05999	0	0.38999	0	0.163	0	0.163	0	2.1	1	0.31999	0
0.05999	0	0.34999	0	0.11	0	0.11	0	0.11	0	0.31	0
0.05999	0	0.34	0	0.11	0	0.11	0	0.2	1	0.31999	0
0.05999	0	0.34999	0	0.79	0	0.79	0	13	1	0.31999	0
0.05999	0	1.78	1	0.11	0	0.11	0	0.11	0	0.31999	0
0.05999	0	0.33	0	0.082	0	0.082	0	0.067	1	0.31	0
0.05999	0	0.37	0	0.043	0	0.043	0	0.018	1	0.31	0
0.05999	0	0.41999	1	2.14	0	2.14	0	2.14	0	0.34999	0
0.05999	0	0.36	0	2.84	0	2.84	0	2.84	0	0.31999	0
0.07	0	1.27	1	2.27	0	2.27	0	2.27	0	0.31	0
0.05	0	0.34	0	2.23	0	2.23	0	2.23	0	0.31999	0
0.05999	0	0.36	0	2.4	0	2.4	0	2.4	0	0.31999	0
0.05999	0	0.36	0	2.39	0	2.39	0	2.39	0	0.3	0
0.07	0	0.33	0	2.44	0	2.44	0	2.44	0	0.3	0
0.05999	0	0.37999	0	2.47	0	2.47	0	2.47	0	0.3	0
0.07	0	0.34	0	2.27	0	2.27	0	2.27	0	0.34	0
0.05999	0	0.34	0	2.07	0	2.07	0	2.07	0	0.34999	0
0.05999	0	0.33	0	2.1	0	2.1	0	4.4	1	0.37999	0
0.2	1	0.33	0	2.13	0	2.13	0	3	1	0.34999	0
3.2	1	0.69999	0	2.23	0	2.23	0	2.23	0	0.34	0
15.4	1	0.34999	0	2.13	0	2.13	0	2.13	0	0.36	0
0.07	0	2.64	1	2.25	0	2.25	0	2.25	0	0.34	0
0.07	0	0.40999	0	2.44	0	2.44	0	2.44	0	0.34	0
0.09	1	0.36	0	2.2	0	2.2	0	2.2	0	0.31999	0
0.05999	0	0.34	0	2.25	0	2.25	0	2.25	0	0.37	0

0.05999	0	0.64999	1	2.33	0	2.33	0	2.33	0	0.33	0
1.7	1	0.34999	0	2.26	0	2.26	0	2.26	0	0.34	0
0.05999	0	0.51999	1	2.56	0	2.56	0	2.56	0	0.34	0
0.05999	0	2.02	1	2.33	0	2.33	0	2.33	0	0.34999	0
0.05999	0	0.34	0	2.12	0	2.12	0	2.12	0	0.34999	0
0.05999	1	0.34	0	2.07	0	2.07	0	2.07	0	0.37	0
0.33	1	0.36	0	2.33	0	2.33	0	2.33	0	0.34999	0
0.05999	0	0.34	0	2.44	0	2.44	0	2.44	0	0.37	0
0.05999	0	0.34999	0	2.23	0	2.23	0	2.23	0	0.34	0
0.05999	0	0.33	0	2.43	0	2.43	0	2.43	0	0.33	0
0.05999	0	0.36	0	2.23	0	2.23	0	2.71	1	0.36	0
0.05999	0	0.36	0	2.54	0	2.54	0	23	1	0.38999	0
0.05999	0	4.98	1	2.48	0	2.48	0	2.48	0	0.31999	0
0.05999	0	0.36	0	2.28	0	2.28	0	2.28	0	0.36	0
0.05999	0	0.36	0	2.12	0	2.12	0	2.12	0	0.34999	0
0.05999	0	0.37999	0	2.07	0	2.07	0	2.07	0	0.38999	0
0.25	1	1.72	0	2.53	0	2.53	0	240	1	0.34	0
0.05999	0	0.38999	0	2.11	0	2.11	0	2.11	0	0.4	0
0.37	1	0.37999	0	2.16	0	2.16	0	2.16	0	0.37999	0
0.07	0	0.36	0	2.07	0	2.07	0	2.07	0	4.21	1
0.05999	0	0.37	0	2.14	0	2.14	0	2.14	0	0.33	0
0.05999	0	0.37	0	2.15	0	2.15	0	2.15	0	0.36	0
0.05999	0	0.57999	1	2.15	0	2.15	0	2.15	0	0.37999	0
0.12999	1	0.36	0	2.08	0	2.08	0	3.11	1	0.38999	0
0.18	1	0.34	0	2.07	0	2.07	0	2.07	0	0.38999	0
0.11999	1	0.34	0	2.11	0	2.11	0	2.11	0	0.34999	0
0.05999	0	0.31999	0	2.08	0	2.08	0	2.08	0	0.34	0
0.05999	0	0.34	0	2.13	0	2.13	0	2.13	0	0.34999	0
0.05999	1	0.36	0	2.12	0	2.12	0	2.12	0	0.34	0
0.05999	0	0.34	0	2.08	0	2.08	0	2.08	0	0.33	0
0.05999	0	0.34999	0	2.11	0	2.11	0	2.11	0	0.37	0
0.05999	0	0.34999	0	2.19	0	2.19	0	2.19	0	0.34	0
0.05999	0	0.34	0	2.17	0	2.17	0	2.17	0	0.36	0
0.05999	0	0.33	0	2.57	0	2.57	0	2.57	0	0.85	1
0.31	1	0.34	0	2.07	0	2.07	0	2.07	0	0.34	0
0.05999	0	0.36	0	2.15	0	2.15	0	2.15	0	0.36	0
0.05999	0	0.34	0	2.29	0	2.29	0	2.29	0	0.36	0
0.05999	0	0.37	0	2.31	0	2.31	0	2.31	0	0.33	0
0.5	1	0.4	0	2.54	0	2.54	0	2.54	0	0.37999	0
0.07	0	0.37	0	2.53	0	2.53	0	2.53	0	0.34	0
0.05999	0	0.4	0	2.56	0	2.56	0	2.56	0	0.34	0
0.05999	0	0.37	0	2.31	0	2.31	0	6.3	1	0.33	0
0.12999	1	1.16	1	2.42	0	2.42	0	5.8	1	0.33	0
0.05999	0	0.34999	0	2.27	0	2.27	0	2.27	0	2.58	1
0.09	1	0.31	0	2.41	0	2.41	0	2.41	0	0.34999	0
0.05999	0	0.3	0	2.25	0	2.25	0	2.25	0	0.40999	1
0.05999	0	0.31	0	2.24	0	2.24	0	2.24	0	0.40999	0

0.05999	0	0.31	0	2.12	0	2.12	0	2.12	0	0.36	0
0.05	0	0.38999	0	2.44	0	2.44	0	2.44	0	0.34	0
0.05999	0	0.37999	0	2.22	0	2.22	0	2.22	0	0.58999	1
0.05999	0	0.33	0	2.27	0	2.27	0	2.27	0	5.46	1
0.05999	0	0.33	0	2.24	0	2.24	0	2.24	0	4.1	1
0.05999	0			2.3	0	2.3	0	2.3	0	3.84	1
0.05999	0			2.31	0	2.31	0	2.31	0	0.34	0
0.05999	0			2.45	0	2.45	0	2.45	0	0.34	0
0.05999	0			2.31	0	2.31	0	2.31	0	0.81	1
0.05999	0			2.48	0	2.48	0	2.48	0	0.34	0
0.05999	0			2.26	0	2.26	0	2.26	0	0.34999	0
0.05999	0			2.22	0	2.22	0	2.22	0	0.33	0
0.05999	0			2.39	0	2.39	0	2.39	0	0.36	0
0.07	0			2.62	0	2.62	0	2.62	0	0.83999	1
0.55	1			2.15	0	2.15	0	2.15	0	1.86	1
0.07	0			2.42	0	2.42	0	2.42	0	0.36	0
0.05999	0			2.34	0	2.34	0	2.34	0	0.36	0
0.05999	0			2.6	0	2.6	0	2.6	0	0.37999	0
0.05999	0			2.24	0	2.24	0	2.24	0	9.18	1
0.05	0			2.67	0	2.67	0	2.67	0	0.38999	0
0.05	0			2.28	0	2.28	0	2.28	0	0.37999	0
0.05	0			2.33	0	2.33	0	2.33	0	0.36	0
0.05	0			2.59	0	2.59	0	2.59	0	0.75999	1
0.07	0			2.54	0	2.54	0	2.54	0	0.37	0
0.05999	0			2.4	0	2.4	0	2.9	1	0.44999	1
0.05999	0			2.18	0	2.18	0	2.18	0	0.99	1
0.05	0			3.3	1	2.4	0	2.4	0	0.34	0
				2.55	0	2.55	0	2.55	0	0.34	0
				2.35	0	2.35	0	2.35	0	0.31999	0
				2.57	0	2.57	0	2.57	0	0.34	0
				2.56	0	2.56	0	1.95	1	0.36	0
				2.38	0	2.38	0	6	1	0.34	0
				12	0	12	0	34	1	0.34999	0
				2.41	0	2.41	0	2.41	0	0.34999	0
				2.36	0	2.36	0	12	1	0.34	0
				2.4	0	2.4	0	7.2	1	0.33	0
				2.38	0	2.38	0	2.38	0	0.34	0
				2.55	0	2.55	0	2.55	0	0.36	0
				2.33	0	2.33	0	2.33	0	0.34	0
				2.25	0	2.25	0	2.25	0	0.37	0
				2.38	0	2.38	0	2.5	1	0.4	0
				2.49	0	2.49	0	2.49	0	0.37	0
				2.35	0	2.35	0	2.35	0	0.4	0
				2.34	0	2.34	0	2.34	0	0.37	0
				2.33	0	2.33	0	2.33	0	0.33	0
				2.53	0	2.53	0	2.53	0	0.34999	0
				2.4	0	2.4	0	2.4	0	0.31	0

2.21	0	2.21	0	12	1	0.3	0
2.4	0	2.4	0	2.4	0	0.31	0
2.36	0	2.36	0	2.36	0	0.31	0
2.6	0	2.6	0	2.6	0	0.38999	0
2.53	0	2.53	0	2.53	0	0.37999	0
2.35	0	2.35	0	2.35	0	0.33	0
3.2	1	2.34	0	3.1	1	0.33	0
2.22	0	2.22	0	23	1	0.41	0
2.3	0	2.3	0	2.3	0	0.52	0
2.35	0	2.35	0	2.35	0	0.09	1
2.6	0	2.6	0	2.6	0	6.8	0
2.62	0	2.62	0	2.62	0	0.35	0
2.65	0	2.65	0	2.65	0	0.4	0
2.28	0	2.28	0	5.7	1	0.35	0
2.35	0	2.35	0	2.35	0	0.41	0
2.34	0	2.34	0	2.34	0	0.41	0
2.28	0	2.28	0	2.28	0	0.35	0
2.24	0	2.24	0	2.24	0	0.41	0
2.13	0	2.13	0	2.13	0	0.23	1
2.43	0	2.43	0	2.43	0	0.12	1
2.31	0	2.31	0	2.31	0		
2.25	0	2.25	0	2.25	0		
2.35	0	2.35	0	2.35	0		
2.39	0	2.39	0	2.39	0		
2.22	0	2.22	0	2.22	0		
2.48	0	2.48	0	2.48	0		
2.28	0	2.28	0	2.28	0		
2.7	1	2.39	0	6.2	1		
2.32	0	2.32	0	2.32	0		
2.25	0	2.25	0	2.25	0		
2.39	0	2.39	0	2.39	0		
2.38	0	2.38	0	2.38	0		
2.23	0	2.23	0	2.23	0		
2.55	0	2.55	0	2.55	0		
2.3	0	2.3	0	2.3	0		
2.25	0	2.25	0	2.25	0		
2.2	0	2.2	0	2.2	0		
2.22	0	2.22	0	3.1	1		
2.4	0	2.4	0	2.4	0		
2.35	0	2.35	0	2.4	1		
2.33	0	2.33	0	2.33	0		
2.44	0	2.44	0	2.44	0		
2.72	0	2.72	0	2.7	1		
2.38	0	2.38	0	2.38	0		
2.43	0	2.43	0	2.43	0		
2.27	0	2.27	0	2.27	0		
2.6	0	2.6	0	2.6	0		

2.54	0	2.54	0	2.54	0
2.27	0	2.27	0	2.27	0
2.38	0	2.38	0	2.38	0
2.33	0	2.33	0	2.33	0
2.29	0	2.29	0	2.29	0
2.27	0	2.27	0	2.27	0
2.27	0	2.27	0	7.9	1
2.29	0	2.29	0	2.6	1
2.37	0	2.37	0	2.37	0
2.25	0	2.25	0	2.25	0
2.3	0	2.3	0	2.3	0
2.31	0	2.31	0	2.3	1
2.22	0	2.22	0	2.22	0
2.43	0	2.43	0	2.43	0
2.41	0	2.41	0	2.41	0
2.43	0	2.43	0	2.43	0
2.41	0	2.41	0	2.41	0
2.38	0	2.38	0	2.38	0
2.54	0	2.54	0	2.54	0
2.3	0	2.3	0	2.3	0
2.61	0	2.61	0	2.61	0
2.51	0	2.51	0	2.51	0
2.43	0	2.43	0	2.43	0
2.47	0	2.47	0	2.47	0
2.49	0	2.49	0	2.49	0
2.6	0	2.6	0	2.6	0
2.41	0	2.41	0	2.41	0
2.3	0	2.3	0	2.3	0
2.3	0	2.3	0	2.3	0
2.16	0	2.16	0	2.16	0
2.28	0	2.28	0	2.28	0
2.43	0	2.43	0	2.43	0
2.27	0	2.27	0	2.27	0
2.33	0	2.33	0	2.33	0
2.35	0	2.35	0	2.35	0
2.28	0	2.28	0	5.9	1
2.21	0	2.21	0	2.21	0
2.27	0	2.27	0	2.8	1
2	0	2	0	10	1
2.35	0	2.35	0	2.35	0
2.06	0	2.06	0	2.3	1
2.23	0	2.23	0	3.3	1
2.44	0	2.44	0	2.44	0
2.64	0	2.64	0	2.64	0
2.5	0	2.5	0	2.5	0
2.64	0	2.64	0	2.64	0
2.49	0	2.49	0	2.49	0

2.22	0	2.22	0	2.22	0
2.35	0	2.35	0	2.35	0
2.12	0	2.12	0	2.12	0
2.07	0	2.07	0	2.07	0
2.07	0	2.07	0	2.07	0
2.09	0	2.09	0	2.09	0
2.04	0	2.04	0	2.04	0
2.02	0	2.02	0	2.02	0
2.11	0	2.11	0	2.7	1
2.08	0	2.08	0	2.08	0
2.07	0	2.07	0	2.07	0
2.06	0	2.06	0	2.06	0
2.06	0	2.06	0	2.06	0
2.09	0	2.09	0	2.09	0
2.59	0	2.59	0	2.59	0
2.56	0	2.56	0	2.56	0
2.19	0	2.19	0	2.19	0
2.17	0	2.17	0	2.17	0
2.05	0	2.05	0	2.05	0
0.034	0	0.034	0	0.37	1
0.39	0	0.39	0	3.2	1
0.035	0	0.035	0	0.035	0
0.038	0	0.038	0	0.038	0
0.035	0	0.035	0	0.035	0
0.035	0	0.035	0	0.23	1
0.18	0	0.18	0	1.5	1
0.038	0	0.038	0	0.28	1
0.038	0	0.038	0	0.1	1
0.36	0	0.36	0	2.6	1
2.31	0	2.31	0	2.31	0
2.28	0	2.28	0	2.28	0
2.35	0	2.35	0	2.35	0
2.29	0	2.29	0	2.29	0
2.32	0	2.32	0	2.32	0
2.35	0	2.35	0	2.35	0
2.49	0	2.49	0	2.49	0
3.36	0	3.36	0	3.36	0
2.67	0	2.67	0	2.67	0
2.51	0	2.51	0	2.51	0
2.22	0	2.22	0	2.22	0
2.01	0	2.01	0	1.37	1
2.01	0	2.01	0	1.76	1
2.01	0	2.01	0	9.51	1
2.02	0	2.02	0	1.7	1
2.01	0	2.01	0	2.01	0
2.17	0	2.17	0	2.17	0
2.15	0	2.15	0	2.15	0

2.18	0	2.18	0	2.18	0
2.19	0	2.19	0	2.19	0
2.21	0	2.21	0	2.21	0
2.27	0	2.27	0	4.29	1
2.77	0	2.77	0	10.9	1
2.39	0	2.39	0	2.72	1
2.29	0	2.29	0	2.29	0
2.36	0	2.36	0	2.36	0
3	0	3	0	16.4	1
3	0	3	0	53.2	1
2.24	0	2.24	0	2.24	0
0.018	0	0.018	0	0.9	1
0.017	0	0.017	0	0.017	0
0.018	0	0.018	0	0.034	1
0.02	0	0.02	0	0.043	1
0.017	0	0.017	0	0.095	1
0.017	0	0.017	0	0.18	1
0.017	0	0.017	0	0.23	1
0.017	0	0.017	0	0.45	1
0.017	0	0.017	0	0.9	1
0.0071	1	0.042	0	0.042	0
0.00889	1	0.052	0	0.1	1
3.5	1	25	1	0.41	0
0.27	0	110.00001	1	12	1
0.82999	0	0.27	0	0.15999	1
0.035	0	0.82999	0	10	1
0.04	0	0.035	0		
0.035	0	0.04	0		
0.041	0	0.035	0		
0.036	0	0.041	0		
0.041	0	0.036	0		
0.035	0	0.041	0		
0.041	0	0.035	0		
6.9	1	0.041	0		
9.2	1	160	1		
		120.00001	1		

Benzo(a)pyr	D_Benzo(a)p	Benzo(b)fluo	D_Benzo(b)f	Benzo(k)fluo	D_Benzo(k)fl	Chloroform	D_Chlorofor	Chromium	D_Chromium	Chrysene	D_Chrysen	Cobalt	D_Cobalt	Dibenzo(a,h)an	D_Dibenzo(a,h	Indeno(1,2,3-cd	D_Indeno(1,2,3-
16	1	13	1	2.5	1	0.00005	0	7.7	1	30	1	0.79199	1	5.5	1	6	1
0.011	1	0.013	1	0.0032	1	0.00005	0	1.87	1	0.014	1	0.316	1	0.0033	1	0.00839	1
0.19	1	0.13	1	0.028	1	0.00006	0	2.63	1	0.19	1	0.43999	1	0.075	1	0.094	1
0.076	1	0.082	1	0.02	1	0.00005	0	2.59	1	0.071	1	0.202	1	0.02	1	0.052	1
0.015	1	0.022	1	0.014	1	0.00005	0	3.04	1	0.022	1	0.11299	1	0.0039	1	0.012	1
0.0022	1	0.002	1	0.00063	1	0.00005	0	4.07	1	0.0022	1	0.407	1	0.00092	1	0.0018	1
0.098	1	0.05	1	0.051	1	0.00006	0	1.94	1	0.13	1	0.125	1	0.029	1	0.052	1
0.00014	0	0.00025	0	0.00015	0	0.00006	0	1.94	1	0.00025	0	0.14699	1	0.00028	0	0.00016	0
0.00089	1	0.00082	1	0.00015	0	0.00005	0	2.56	1	0.0011	1	0.142	1	0.00052	1	0.00016	0
0.013	1	0.0093	1	0.002	1	0.00005	0	2.38	1	0.011	1	0.04399	1	0.0076	1	0.008	1
0.016	1	0.028	1	0.022	1	0.00005	0	1.99	1	0.019	1	0.06599	1	0.0037	1	0.016	1
0.0012	1	0.0012	1	0.00031	1	0.0072	1	0.56999	1	0.0014	1	0.035	1	0.00063	1	0.00099	1
0.4	1	0.19	1	0.053	1	0.00005	0	3.43	1	0.33	1	0.284	1	0.092	1	0.18	1
0.00014	0	0.00025	0	0.00015	0	0.00005	0	2.44	1	0.00025	0	0.268	1	0.00028	0	0.00016	0
0.0006	1	0.00094	1	0.00015	0	0.0065	1	3.04	1	0.00064	1	0.20299	1	0.0004	1	0.0009	1
0.00052	1	0.00064	1	0.00032	1	0.0012	1	2.95	1	0.00041	1	0.135	1	0.00028	0	0.00028	1
0.00064	1	0.0015	1	0.00044	1	0.00006	0	2.96	1	0.0007	1	0.25699	1	0.00028	0	0.00046	1
0.045	1	0.089	1	0.028	1	0.005	0	2.5	0	0.035	1	12.5	0	0.012	1	0.042	1
0.043	1	0.032	1	0.00769	1	0.005	0	3.2	1	0.072	1	11	0	0.012	1	0.023	1
0.26	1	0.42	1	0.13	1	0.024	0	3.2	1	0.27	1	11	0	0.049	1	0.22	1
0.0013	1	0.0031	1	0.0008	1	0.03299	0	50	1	0.0036	1	24	0	0.00077	1	0.00094	1
0.399	0	0.399	0	0.399	0	0.025	0	18	1	0.399	0	33.3	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	0.063	0	44	1	0.399	0	25	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	0.05	0	3.4	1	0.399	0	12.6	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	0.8	1	3.5	1	0.399	0	2.9	1	0.399	0	0.399	0
1.61	1	1.2	0	1.2	0	0.8	1	4.5	1	1.2	0	2	0	1.2	0	1.2	0
0.399	0	0.399	0	0.399	0	0.05999	0	4.4	1	0.399	0	0.49	0	0.399	0	0.399	0
0.616	1	0.99	1	0.399	0	0.05999	0	54	1	0.85	1	0.43	0	0.399	0	0.423	1
0.37	0	0.37	0	0.37	0	0.05999	0	4.4	1	0.37	0	0.49	0	0.37	0	0.37	0
0.35	0	0.35	0	0.35	0	0.05999	0	3	1	0.35	0	0.43	0	0.35	0	0.35	0
0.78	0	0.78	0	0.78	0	0.05999	0	3	1	0.78	0	0.50999	0	0.78	0	0.78	0
1.1	0	1.1	0	1.1	0	0.05999	0	2.1	1	1.1	0	0.43	0	1.1	0	1.1	0
2	1	1.2	1	0.32	1	0.05	0	1.8	1	3.3	1	0.51999	0	1.1	1	0.95	1
0.42	0	0.42	0	0.42	0	0.05999	0	1.8	1	0.42	0	1	0	0.42	0	0.42	0
0.31999	0	0.31999	0	0.31999	0	0.05999	0	2.5	1	0.31999	0	2	0	0.31999	0	0.31999	0
0.43	0	0.43	0	0.43	0	0.05	0	2.4	1	0.43	0			0.43	0	0.43	0
0.34	0	0.34	0	0.34	0	0.05999	0	11	1	0.34	0			0.34	0	0.34	0
0.33	0	0.33	0	0.33	0	0.05999	0	18	1	0.33	0			0.33	0	0.33	0
0.36	0	0.36	0	0.36	0	0.05999	0			0.36	0			0.36	0	0.36	0
0.36	0	0.36	0	0.36	0	0.12999	0			0.36	0			0.36	0	0.36	0
0.37	0	0.37	0	0.37	0	0.05999	0			0.37	0			0.37	0	0.37	0
0.37	0	0.37	0	0.37	0	0.05999	0			0.37	0			0.37	0	0.37	0
0.34	0	0.34	0	0.34	0	0.05999	0			0.34	0			0.34	0	0.34	0
0.31	0	0.31	0	0.31	0	0.05999	0			0.31	0			0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0
0.34	0	0.34	0	0.34	0	0.05	0			0.34	0			0.34	0	0.34	0

0.37	0	0.37	0	0.37	0	0.05	0	0.37	0	0.37	0	0.37	0		
0.33	0	0.33	0	0.33	0	0.05	0	0.33	0	0.33	0	0.33	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
5.81	0	6.58	1	5.81	0	0.05	0	5.81	0	5.81	0	5.81	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
1.6	0	1.6	0	1.6	0	0.05	0	1.6	0	1.6	0	1.6	0		
1.46	0	1.46	0	1.46	0	0.05	0	1.46	0	1.46	0	1.46	0		
0.91	1	0.75	1	0.31999	0	0.05	0	1.62	1	0.31999	0	0.31999	0		
0.31	0	0.31	0	0.31	0	0.05	0	0.31	0	0.31	0	0.31	0		
1.46	0	1.46	0	1.46	0	0.05	0	1.46	0	1.46	0	1.46	0		
0.37	0	0.37	0	0.37	0	0.05	0	0.37	0	0.37	0	0.37	0		
0.33	0	0.33	0	0.33	0	0.05	0	0.33	0	0.33	0	0.33	0		
0.33	0	0.33	0	0.33	0	0.05	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05	0	0.36	1	0.36	0	0.36	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.37999	0	0.37999	0	0.37999	0	0.05	0	0.37999	0	0.37999	0	0.37999	0		
0.74	0	0.74	0	0.74	0	0.05	0	0.74	0	0.74	0	0.74	0		
6.84	0	6.84	0	6.84	0	0.05999	0	6.84	0	6.84	0	6.84	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.31	0	0.31	0	0.31	0	0.05999	0	0.70999	1	0.31	0	0.31	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0		
0.31999	0	0.31999	0	0.31999	0	0.05	0	0.31999	0	0.31999	0	0.31999	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.33	1	0.31999	0	0.31999	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0		
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.31	0	0.31	0	0.31	0	0.05999	0	0.31	0	0.31	0	0.31	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.3	0	0.3	0	0.3	0	0.05999	0	0.3	0	0.3	0	0.3	0		
0.3	0	0.3	0	0.3	0	0.05999	0	0.3	0	0.3	0	0.3	0		
0.3	0	0.3	0	0.3	0	0.05999	0	0.3	0	0.3	0	0.3	0		
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.05	0	0.34999	0	0.34999	0	0.34999	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.57999	1	0.34	0	0.34	0	0.07	0	0.46	1	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0		

0.33	0	0.33	0	0.33	0	0.25	0	0.33	0	0.33	0	0.33	0		
0.34	0	0.34	0	0.34	0	1.3	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.37	0	0.37	0	0.37	0	1.2	0	0.37	0	0.37	0	0.37	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0		
0.31999	0	0.31999	0	0.31999	0	0.28999	0	0.31999	0	0.31999	0	0.31999	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.4	0	0.4	0	0.4	0	0.05999	0	0.4	0	0.4	0	0.4	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0		
0.38999	0	0.38999	0	0.38999	0	0.23999	0	0.38999	0	0.38999	0	0.38999	0		
0.34999	0	0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.12999	1	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.07999	1	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.07999	1	0.33	0	0.33	0	0.33	0		
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0		
0.34	0	2.08	1	2.61	1	0.05999	0	1.01	1	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.1	1	0.36	0	0.36	0	0.36	0		
1.17	1	0.34999	0	0.34999	0	0.05999	0	1.03	1	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.47999	1	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.69999	0	1.17	1	1.37	1	0.05999	0	2.11	1	0.69999	0	0.69999	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.37	0	0.37	0	0.37	0	0.07	0	0.37	0	0.37	0	0.37	0		
0.40999	0	0.40999	0	0.40999	0	0.05999	0	0.40999	0	0.40999	0	0.40999	0		

0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.36	1	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
5.97	1	3.95	1	4.08	1	0.07	0	6.54	1	1.6	1	2.63	1		
1.99	1	1.58	1	1.76	1	0.05999	0	4.95	1	0.67	1	1.02	1		
2.87	1	1.86	1	1.96	1	0.05999	0	4.3	1	0.34	0	1.37	1		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
0.6	1	0.36	1	0.36	0	0.05999	0	0.93999	1	0.36	0	0.36	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.54	1	0.36	0	0.36	0	0.05999	0	0.94999	1	0.36	0	0.36	0		
1.57	1	0.76999	1	0.98	1	0.05999	0	2.19	1	0.58999	1	0.36	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.37	1	0.36	0	0.36	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
8.24	1	3.46	1	2.88	1	0.05999	0	8.24	1	1.72	0	1.72	0		
0.38999	0	0.38999	0	0.38999	0	0.07	0	0.38999	0	0.38999	0	0.38999	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.36	0	0.36	0	0.36	0	0.07	0	0.36	0	0.36	0	0.36	0		
0.37	0	0.38999	1	0.37	0	0.05999	0	1.06	1	0.37	0	0.37999	1		
0.37	0	0.37	0	0.37	0	0.05999	0	0.37	0	0.37	0	0.37	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.5	1	0.38999	0	0.38999	0		
0.36	0	0.36	0	0.36	0	0.05	0	1.95	1	0.36	0	0.49	1		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
0.31999	0	0.31999	0	0.31999	0	0.05	0	0.31999	0	0.31999	0	0.31999	0		
0.34	0	0.34	0	0.34	0	0.07	0	0.34	0	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.05	0	0.34999	0	0.34999	0	0.34999	0		
0.34999	0	0.34999	0	0.34999	0	0.012	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.015	0	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.012	0	0.33	0	0.33	0	0.33	0		
0.34	0	0.6	1	0.4	1	0.072	0	0.54	1	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.011	0	0.36	0	0.36	0	0.36	0		
0.34	0	0.34	0	0.34	0	0.012	0	0.34	0	0.34	0	0.34	0		
0.37	0	0.37	0	0.37	0	0.011	0	0.37	0	0.37	0	0.37	0		
0.4	0	0.4	0	0.4	0	0.012	0	0.4	0	0.4	0	0.4	0		
0.37	0	0.37	0	0.37	0	0.011	0	0.37	0	0.37	0	0.37	0		
0.4	0	0.4	0	0.4	0	0.012	0	0.4	0	0.4	0	0.4	0		
0.37	0	0.37	0	0.37	0	0.011	0	0.37	0	0.37	0	0.37	0		
0.33	0	0.33	0	0.33	0	0.012	0	0.33	0	0.33	0	0.33	0		
0.34999	0	0.34999	0	0.34999	0	0.048	1	0.34999	0	0.34999	0	0.34999	0		
0.31	0	0.31	0	0.31	0	0.011	0	0.31	0	0.31	0	0.31	0		

0.3	0	0.3	0	0.3	0	0.3	0	0.3	0	0.3	0
0.31	0	0.31	0	0.31	0	0.31	0	0.31	0	0.31	0
0.31	0	0.31	0	0.31	0	0.31	0	0.31	0	0.31	0
0.38999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
0.37999	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0
0.33	0	0.33	0	0.33	0	0.33	0	0.33	0	0.33	0
0.33	0	0.33	0	0.33	0	0.33	0	0.33	0	0.33	0
0.41	0	0.41	0	0.41	0	0.41	0	0.41	0	0.41	0
0.52	0	0.52	0	0.52	0	0.52	0	0.52	0	0.52	0
0.052	1	0.12	1	0.14	1	0.16	1	0.032	1	0.068	1
6.8	0	6.8	0			6.8	0	6.8	0	6.8	0
0.35	0	0.35	0			0.35	0	0.35	0	0.35	0
0.4	0	0.4	0			0.4	0	0.4	0	0.4	0
0.36	0	0.35	0			0.12	1	0.35	0	0.35	0
0.41	0	0.41	0			0.41	0	0.41	0	0.41	0
0.41	0	0.41	0			0.41	0	0.41	0	0.41	0
0.35	0	0.35	0			0.35	0	0.35	0	0.35	0
0.41	0	0.41	0			0.41	0	0.41	0	0.41	0
0.29	1	0.38	0			0.38	1	0.1	1	0.1	1
0.15	1	0.15	1			0.19	1	0.37	0	0.11	1

Iron	D_Iron	Lead	D_Lead	Manganese	D_Manganes	Mercury	D_Mercury	Naphthalene	D_Naphthalene	n-Butylbenzene	D_n-Butylbenze	Tetrachloroethe	D_Tetrachloroe	Vanadium	D_Vanadiu	Zinc	D_Zinc
4350	1	31.6	1	22.2	1	0.804	1	0.39	1	0.00009	0	0.00013	0	9.98	1	11.4	1
2290	1	8.77	1	8.93	1	0.609	1	0.002	1	0.00009	0	0.00013	0	3.77	1	6	1
1930	1	3.7	1	15.4	1	0.0724	1	0.06	1	0.00012	0	0.00017	0	3.93	1	4.04	1
419	1	443	1	2.27	1	1.22	1	0.015	1	0.00011	0	0.00015	0	7.13	1	36.1	1
403	1	102	1	3.42	1	1.04	1	0.0044	1	0.00009	0	0.00014	0	3.88	1	3960	1
1400	1	8.29	1	5.38	1	0.265	1	0.00051	1	0.00009	0	0.00013	0	2.3	1	2.3	1
439	1	32.3	1	9.09	1	0.576	1	0.11	1	0.00012	0	0.00016	0	9.65	1	38.2	1
1020	1	181	1	7.29	1	0.863	1	0.00038	1	0.00012	0	0.00016	0	3.74	1	1.5	1
1180	1	118	1	11.5	1	0.234	1	0.00041	1	0.00011	0	0.00014	0	2.19	1	0.97	1
283	1	2.39	1	5.11	1	0.0422	1	0.0022	1	0.00011	0	0.00014	0	4.56	1	5.7	1
554	1	64	1	12	1	10.1	1	0.00096	1	0.00009	0	0.00014	0	2.51	1	4.4	1
194	1	1.14	1	3.27	1	0.0076	1	0.00051	1	0.00011	0	0.00015	0	1.63	1	1.8	1
670	1	2.16	1	2.73	1	0.0184	1	0.47	1	0.00009	0	0.00014	0	3.84	1	9.4	1
1600	1	4.12	1	8.97	1	0.0769	1	0.00037	1	0.00011	0	0.00014	0	1.85	1	0.56999	0
1110	1	4.31	1	14.9	1	9.77	1	0.0018	1	0.00009	0	0.00057	1	1.01	1	3.5	1
1050	1	2.45	1	10.1	1	0.14699	1	0.0004	1	0.00012	0	0.00017	0	0.56	1	0.94999	1
2040	1	29.8	1	8	1	1.25	1	0.00055	1	0.00013	0	0.00017	0	2.42	1	2	1
281	1	2.58	1	3.8	0	0.0212	1	0.01	1	0.05	0	0.005	0	2.18	1	3.4	1
1000	1	3.81	1	4.3	1	0.387	1	0.0076	1	0.07	0	0.005	0	2.95	1	6.7	1
1940	1	5.74	1	11.8	1	1.36	1	0.0088	1	0.05999	0	0.024	0	4.46	1	4.8	1
35900	1	2.83	1	481	1	0.0563	1	0.00067	1	0.05999	0	0.03299	0	3.33	1	1.8	1
12800	1	4.85	1	133	1	0.106	1	0.399	0	0.05999	0	0.025	0	12	0	5	0
29700	1	13.4	1	314	1	0.987	1	0.399	0	0.05999	0	0.063	0	11	0	7.3	1
1280	1	16.8	1	12.9	1	1.1	1	0.399	0	0.05999	0	0.05	0	11	0	30.2	1
15000	1	3.43	1	84	1	0.155	1	0.399	0	0.05999	0	0.07	0	79.8	1	125	1
9300	1	483	1	39	1	9.54	1	1.2	0	0.05999	0	0.05999	0	33.3	0	22.1	1
1300	1	205	1	7.4	1	13	1	0.399	0	0.05	0	0.05999	0	67.9	1	77.7	1
3000	1	2.08	1	23	1	23.4	1	0.399	0	0.05999	0	0.05999	0	12.6	0	5.06	0
635	1	7.74	1	3.8	1	16.9	1	0.37	0	0.05999	0	0.05999	0	13	1	510	1
830	1	4.66	1	30	1	6.64	1	0.35	0	0.05	0	0.05999	0	9	0	65	1
530	1	2.15	1	12	1	1.69	1	0.78	0	0.05999	0	0.05999	0	4	0	20	0
1200	1	7.22	1	21	1	1.69	1	1.1	0	2.78	1	0.05999	0	8	0	50	1
1400	1	155	1	16	1	3.14	1	0.11	1	0.05999	0	0.05	0	2	0	0.98	0
4100	1	3.74	1	31	1	3.02	1	0.42	0	5.31	1	0.05999	0	3	0	6	0
7000	1	3.98	1	39	1	0.966	1	0.31999	0	0.05999	0	0.05999	0	2	0	9	0
		112	1			37.3	1	0.43	0	0.05999	0	0.05	0	3	0	7	0
		3.5	1			0.05499	0	0.34	0	0.21999	1	0.05999	0	3	0	9	0
		10.7	1			0.05999	0	0.33	0	0.05999	0	0.05999	0	12	1	55	1
		27.8	1			0.057	0	0.36	0	0.05	0	0.05999	0	20	0	170	1
		156	1			0.061	0	0.36	0	0.05	0	0.12999	0				
		11.7	1			0.059	0	0.37	0	0.05	0	0.05999	0				
		164	1			0.06199	0	0.37	0	0.05	0	0.05999	0				
		9.9	1			0.059	0	0.34	0	0.05	0	0.05999	0				
		10.7	0			0.06499	0	0.31	0	0.05	0	0.05999	0				
		14.2	0			0.05499	0	0.31999	0	0.05	0	0.05	0				
		11.3	0			0.06199	0	0.34	0	0.05	0	0.05	0				

11.2	0	0.056	0	0.37	0	0.05	0	0.05	0
12	0	0.05999	0	0.33	0	0.05	0	0.05	0
11.9	0	0.059	0	0.34	0	0.05	0	0.05	0
12.2	0	0.06599	0	5.81	0	0.05	0	0.05	0
12.4	0	7.04	1	0.34	0	0.05	0	0.05	0
42	1	0.056	0	7.71	1	0.05	0	0.05	0
13.9	1	0.057	0	8.04	1	0.05	0	0.05	0
24.1	1	0.054	0	0.31999	0	0.05	0	0.05	0
196	1	0.061	0	0.31	0	0.05999	0	0.05	0
166	1	0.063	0	1.49	1	0.05	0	0.05	0
10.7	0	0.06199	0	0.37	0	0.05	0	0.05	0
11.2	0	0.061	0	0.33	0	0.05999	0	0.05	0
12.2	0	0.056	0	0.33	0	0.05999	0	0.05	0
11	0	0.05499	0	0.36	0	50.9	1	0.05	0
175	1	0.052	0	0.33	0	0.05999	0	0.05999	0
11.6	0	0.056	0	0.37999	0	0.05999	0	0.05	0
130	1	0.056	0	0.74	0	0.05999	0	0.05	0
156	1	0.05499	0	6.84	0	0.05999	0	0.05999	0
11.6	0	0.054	0	0.31999	0	0.05	0	0.05999	0
154	1	0.057	0	0.31	0	0.05999	0	0.05999	0
258	1	0.05299	0	0.37999	0	0.05999	0	0.05999	0
48.9	1	0.057	0	0.31999	0	0.05999	0	0.05999	0
303	1	0.05299	0	0.31999	0	0.05999	0	0.05999	0
24	1	0.054	0	0.31	0	0.05999	0	0.05999	0
91.8	1	0.05499	0	0.31999	0	0.05999	0	0.05	0
137	1	0.05999	0	0.31999	0	0.05999	0	0.05999	0
319	1	0.061	0	0.31999	0	0.05999	0	0.05999	0
781	1	0.057	0	0.31	0	0.05999	0	0.05999	0
12.4	0	1.24	1	0.31	0	0.05999	0	0.05999	0
143	1	2.09	1	0.34999	0	0.05999	0	0.05999	0
17.4	1	0.28799	0	0.31999	0	0.05999	0	0.05999	0
14.5	1	4.22	1	0.31	0	0.07	0	0.05999	0
323	1	11.7	1	0.31999	0	0.05	0	0.05999	0
60.1	1	0.30899	0	0.31999	0	0.05999	0	0.05999	0
10.8	0	0.62	1	0.3	0	0.05999	0	0.05999	0
255	1	0.10999	0	0.3	0	0.07	0	0.05999	0
114	1	0.10999	0	0.3	0	0.05999	0	0.05999	0
260	1	2.9	1	0.34	0	0.07	0	0.07	0
10.7	0	0.33	0	0.34999	0	0.05999	0	0.05	0
309	1	0.25	0	0.37999	0	0.05999	0	0.05999	0
10.4	0	0.126	0	0.34999	0	0.18	1	0.05999	0
14.1	1	0.69999	1	0.34	0	4.3	1	0.07	0
10.6	0	0.70999	0	0.36	0	13.3	1	0.05999	0
11.8	0	1.7	1	0.34	0	0.07	0	0.07	0
32.6	1	0.56	0	0.34	0	0.07	0	0.05999	0
21.8	1	0.6	0	0.31999	0	0.18999	1	0.05999	0
310	1	0.6	0	0.37	0	0.05999	0	0.05999	0

48.3	1	0.61	0	0.33	0	0.05999	0	0.25	0
16.1	1	0.89999	1	0.34	0	1.3	1	1.3	0
10.6	0	0.56999	0	0.34	0	0.05999	0	0.07	0
21.3	1	1.29	1	0.34999	0	0.05999	0	0.07	0
10.8	1	1.52	1	0.34999	0	0.05999	0	0.05999	0
15.4	1	3.99	1	0.37	0	0.05999	0	0.05999	0
26.8	1	2.02	1	0.34999	0	0.43999	1	0.05999	0
10.7	0	0.74	1	0.37	0	0.05999	0	1.8	1
126	1	1.1	1	0.34	0	0.05999	0	0.05999	0
118	1	2.04	1	0.33	0	0.05999	0	0.05999	0
540	1	0.68	1	0.36	0	0.05999	0	0.05999	0
12.7	0	1.05	1	0.38999	0	0.05999	0	0.05999	0
197	1	0.99	1	0.31999	0	0.05999	0	0.28999	0
46.1	1	8.39	1	0.36	0	0.05999	0	0.05999	0
44	1	1.58	1	0.34999	0	0.05999	0	0.05999	0
12.1	0	0.38999	1	0.38999	0	0.05999	0	0.05999	0
280	1	2.42	1	0.34	0	0.79	1	0.05999	0
494	1	0.51999	0	0.4	0	0.05999	0	0.05999	0
177	1	1	1	0.37999	0	3.2	1	0.05999	0
72.2	1	0.31	1	0.37999	0	0.07	0	0.05999	0
234	1	3.7	1	0.33	0	0.05999	0	0.05999	0
547	1	29.4	1	0.36	0	0.15	1	0.05999	0
364	1	2.1	1	0.50999	1	1.3	1	0.05999	0
285	1	1.8	1	0.38999	0	0.36	1	0.05999	0
307	1	0.62	0	0.38999	0	0.34	1	0.23999	0
980	1	0.73	1	0.34999	0	0.25	1	0.07	0
455	1	1.49	1	0.34	0	0.07999	1	0.05999	0
109	1	0.68999	1	0.34999	0	0.07999	1	0.05999	0
128	1	142	1	1.11	1	0.14	1	0.05999	0
32.9	1	1.58	1	0.33	0	0.05999	0	0.05999	0
12	0	0.31	1	0.37	0	0.05999	0	0.05999	0
475	1	0.46	1	0.34	0	0.05999	0	0.05999	0
11.2	0	0.20999	1	0.36	0	0.05999	0	0.05999	1
268	1	1.21	1	0.34999	0	0.07	1	0.05999	0
12.2	0	0.54	0	0.34	0	0.49	1	0.05999	0
83.9	1	3.46	1	0.36	0	0.05999	0	0.05999	0
11.3	0	0.51999	0	0.36	0	0.05999	0	0.05999	0
11.2	0	0.51999	0	0.33	0	0.05999	0	0.05999	0
11.5	0	4.38	1	0.37999	0	0.63999	1	0.05999	0
42.8	1	0.58999	0	0.34	0	0.07	0	0.05999	0
12.2	0	1.96	1	0.34	0	0.05999	0	0.05999	0
17.3	1	0.50999	1	0.33	0	0.07999	1	0.05999	0
12.4	0	1.12	1	0.33	0	1.3	1	0.05999	0
83.1	1	1.1	1	0.69999	0	0.10999	1	0.05999	0
39.4	1	0.34999	1	0.34999	0	0.31	1	0.05999	0
77.1	1	0.52999	0	0.37	0	0.21999	1	0.07	0
135	1	0.55	0	0.40999	0	0.05999	0	0.05999	0

75.2	1	0.54	0	0.36	0	0.05999	0	0.05999	0
12.1	0	0.63999	0	0.34	0	0.05	0	0.05999	0
46.2	1	0.51999	0	0.92	1	0.05999	0	0.05999	0
21.4	1	0.54	0	0.34999	0	0.05999	0	0.07	0
364	1	0.56999	1	1.13	1	0.05999	0	0.05999	0
509	1	0.57999	0	0.38999	1	0.05999	0	0.05999	0
124	1	0.66	0	0.34	0	0.05999	0	0.05999	0
295	1	0.63999	0	0.34	0	0.05999	0	0.05	0
244	1	0.62999	0	0.36	0	0.05999	0	0.05999	0
44.8	1	0.63999	0	0.34	0	0.05999	0	0.05999	0
635	1	4.24	1	0.34999	0	0.05999	0	0.05999	0
252	1	34.3	1	0.33	0	0.05999	0	0.05999	0
110	1	0.93999	1	0.36	0	0.05999	0	0.05999	0
12.9	0	0.6	0	0.36	0	0.07	0	0.05999	0
105	1	0.56	0	0.36	0	0.68	1	0.05999	0
243	1	0.56	0	0.36	0	0.07	0	0.05999	0
820	1	0.52999	0	0.36	0	0.05999	0	0.05999	0
175	1	0.61	0	0.37999	0	0.38999	1	0.05999	0
38.9	1	2.47	1	4	1	0.05999	0	0.05999	0
18.8	1	0.56999	0	0.38999	0	0.05	0	0.07	0
34.6	1	0.56999	1	0.37999	0	0.05	0	0.05999	0
484	1	0.57999	0	0.36	0	0.05	0	0.07	0
375	1	0.81999	1	1.18	1	0.05	0	0.05999	0
422	1	0.61	0	0.37	0	0.07	0	0.05999	0
28.3	1	2.24	1	0.38999	0	0.05999	0	0.05999	0
320	1	0.62	0	0.58999	1	0.05999	0	0.05	0
382	1	0.56999	0	0.34	0	0.05	0	0.05	0
71.8	1	0.55	0	0.34	0			0.05	0
12.7	0	0.6	0	0.31999	0			0.05	0
14.6	1	0.66	0	0.34	0			0.07	0
11.3	0	0.54	0	0.36	0			0.05999	0
25.5	1	0.61	0	0.34	0			0.05999	0
192	1	0.58999	0	0.34999	0			0.05	0
69.9	1	0.64999	0	0.34999	0			0.002	1
77.7	1	0.73	1	0.34	0			0.003	1
65.8	1	0.67	0	0.33	0			0.012	0
1040	1	3.26	1	0.34	0			0.072	0
61.2	1	0.57999	0	0.36	0			0.011	0
238	1	3.58	1	0.34	0			0.012	0
874	1	0.63999	0	0.37	0			0.011	0
48.4	1	4.28	1	0.4	0			0.012	0
19.8	1	0.54	0	0.37	0			0.011	0
12.6	1	14.6	1	0.4	0			0.012	0
2.35	1	20.6	1	0.37	0			0.011	0
86.5	1	19.6	1	0.33	0			0.012	0
101	1	15.2	1	0.34999	0			0.004	1
13.2	1	9.97	1	0.31	0			0.011	0

630	1	13.5	1	0.3	0
97	1	85	1	0.31	0
71.4	1	61	1	0.31	0
62.9	1	9.01	1	0.38999	0
125	1	9.48	1	0.37999	0
17.6	1	27.9	1	0.33	0
17.5	1	0.63999	0	0.33	0
11.4	0	1.09	1	0.41	0
15.1	1	0.56	0	0.52	0
29.3	1	3.34	1	0.4	0
42.6	1	1.95	1	6.8	0
11.5	0	2.68	1	0.049	1
30.3	1	1.16	1	0.4	0
11.8	0	0.70999	1	0.35	0
13.7	1	0.62999	0	0.41	0
16.1	1	3.16	1	0.41	0
152	1	12.5	1	0.35	0
12.5	1	3.65	1	0.41	0
119	1	5.1	1	0.11	1
638	1	1.56	1	0.082	1
11.3	0	1.48	1		
43.1	1	0.58999	0		
11.9	0	18.7	1		
196	1	19.5	1		
12.8	0	0.56999	0		
20.7	1	0.52999	1		
11.2	0	0.64999	0		
24.2	1	1.44	1		
194	1	0.81999	1		
11.7	0	9.17	1		
99.2	1	6.2	1		
39.5	1	5.82	1		
12.2	0	5.72	1		
73.4	1	1.17	1		
11.9	0	0.52999	0		
15.8	1	6.55	1		
60.7	1	2.14	1		
33.2	1	3.86	1		
20.9	1	4.59	1		
83.4	1	16.4	1		
47.5	1	2.24	1		
151	1	10.9	1		
305	1	0.56999	0		
316	1	7.78	1		
330	1	18.3	1		
313	1	0.56	0		
11.8	0	2.01	1		

253	1	0.58999	0
61.9	1	1.79	1
49.6	1	0.63999	0
20.5	1	4.76	1
12.2	0	0.56	0
12	0	2.85	1
117	1	3.03	1
12.1	0	0.57999	0
11.9	0	10.4	1
20.9	1	3.84	1
265	1	2.21	1
13	0	1.02	1
12.5	0	7.48	1
29.1	1	0.61	0
134	1	4.8	1
25	1	1.36	1
31.2	1	0.75999	1
19.8	1	0.56999	0
211	1	0.58999	0
149	1	10	1
297	1	1.16	1
420	1	2.9	1
12.2	0	6.54	1
124	1	3.65	1
143	1	0.58999	0
75.3	1	3.1	1
265	1	1.4	1
390	1	2.02	1
102	1	0.55	0
47.5	1	0.61	0
69.9	1	0.6	0
45.8	1	4.06	1
481	1	0.6	0
319	1	0.6	0
13.2	0	0.91	1
15	1	1.4	1
27.7	1	0.64999	0
12.4	0	0.62999	0
76.2	1	0.61	0
38.1	1	0.62	0
35	1	0.62	0
43	1	0.64999	0
28.5	1	0.6	0
29.2	1	0.56999	0
10.2	0	3.81	1
12.6	1	0.98	1
42.1	1	4.12	1

26.6	1	0.63999	1
22.2	1	0.69999	1
48.3	1	0.69999	1
13.4	1	1.76	1
41.7	1	3.41	1
40.2	1	1	1
12.8	0	3.47	1
96.5	1	9.58	1
10.9	0	20.8	1
71.6	1	11.9	1
15	1	3.41	1
150	1	3.6	1
2.6	1	27	1
2.2	1	1.16	1
4.6	1	4.64	1
6.5	1	2.17	1
53	1	28	1
17	1	8.25	1
240	1	2.36	1
75	1	4.52	1
36	1	2.26	1
27	1	2.48	1
500	1	0.50999	0
83	1	0.51999	1
710	1	3.68	1
350	1	1	1
430	1	0.89999	1
1200	1	1.98	1
690	1	0.50999	0
700	1	0.89999	1
6.7	1	1.32	1
31.9	1	0.86	1
34.5	1	4.91	1
390	1	0.54	0
1100	1	1.67	1
66	1	0.41999	1
320	1	26	1
7	0	0.052	1
8	0	0.49	1
5	0	0.12999	1
20	0	0.37999	1
7	0	1.6	1
75	1	2.2	1
75	1	0.93999	1
		7.1	1
		1.12	1
		0.56999	0

2.84	1
4.08	1
0.82999	1
0.58999	0
4.54	1
0.83999	0
1.09	1
0.62999	0
9.57	1
0.5	0
1.05	1
0.54	1
2.42	1
0.5	0
1.01	1
0.64999	1
0.54	0
0.55	0
0.55	0
78.2	1
56.9	1
4.28	1
0.56999	0
2.1	1
15.4	1
44.1	1
1.6	1
2.6	1
0.25999	0
0.27	0
0.31	0
0.25	0
7.8	1
0.27	1
0.98	1
0.68	1
0.03999	1
4.5	1
1.4	1
18	1
74	1
86	1
4.2	1
3.1	1
10	1
0.94999	1
4.2	1

1.7	1
4.8	1
0.55	1
3.1	1
0.33	1
0.63999	1
0.11999	0
0.86	1
0.23999	1
0.10999	0
0.12999	0
82	1
34	1

1				General UCL Statistics for Data Sets with Non-Detects								
2	User Selected Options											
3	From File			C:\Documents and Settings\swebersnapp\Desktop\OU3_Chris\ProUCL\Excavation\ProUCL_Input_withTEG\Quad								
4	Full Precision			OFF								
5	Confidence Coefficient			95%								
6	Number of Bootstrap Operations			2000								
7												
8												
9	Aroclor-1260											
10						General Statistics						
11						Number of Valid Data	81			Number of Detected Data	18	
12						Number of Distinct Detected Data	8			Number of Non-Detect Data	63	
13										Percent Non-Detects	77.78%	
14												
15				Raw Statistics						Log-transformed Statistics		
16						Minimum Detected	0.027			Minimum Detected	-3.612	
17						Maximum Detected	1.21			Maximum Detected	0.191	
18						Mean of Detected	0.875			Mean of Detected	-0.564	
19						SD of Detected	0.486			SD of Detected	1.285	
20						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
21						Maximum Non-Detect	2.5			Maximum Non-Detect	0.916	
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	81	
24	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
25	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
26												
27						UCL Statistics						
28				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
29						Shapiro Wilk Test Statistic	0.684			Shapiro Wilk Test Statistic	0.653	
30						5% Shapiro Wilk Critical Value	0.897			5% Shapiro Wilk Critical Value	0.897	
31				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
32												
33				Assuming Normal Distribution						Assuming Lognormal Distribution		
34						DL/2 Substitution Method				DL/2 Substitution Method		
35						Mean	0.539			Mean	-2.344	
36						SD	0.56			SD	2.538	
37						95% DL/2 (t) UCL	0.643			95% H-Stat (DL/2) UCL	5.818	
38												
39						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
40				MLE method failed to converge properly						Mean in Log Scale	-2.575	
41										SD in Log Scale	1.427	
42										Mean in Original Scale	0.24	
43										SD in Original Scale	0.411	
44										95% Percentile Bootstrap UCL	0.318	
45										95% BCA Bootstrap UCL	0.323	
46												
47				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
48						k star (bias corrected)	1.123			Data do not follow a Discernable Distribution (0.05)		
49						Theta Star	0.779					
50						nu star	40.41					
51												
52						A-D Test Statistic	2.894			Nonparametric Statistics		
53						5% A-D Critical Value	0.76			Kaplan-Meier (KM) Method		

54					K-S Test Statistic	0.76					Mean	0.295
55					5% K-S Critical Value	0.208					SD	0.475
56					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.0648
57											95% KM (t) UCL	0.403
58					**Assuming Gamma Distribution**						95% KM (z) UCL	0.402
59					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.396
60					Minimum	0.027					95% KM (bootstrap t) UCL	0.41
61					Maximum	1.238					95% KM (BCA) UCL	0.497
62					Mean	0.924					95% KM (Percentile Bootstrap) UCL	0.443
63					Median	0.925					95% KM (Chebyshev) UCL	0.577
64					SD	0.255					97.5% KM (Chebyshev) UCL	0.7
65					k star	4.78					99% KM (Chebyshev) UCL	0.939
66					Theta star	0.193						
67					Nu star	774.4					**Potential UCLs to Use**	
68					AppChi2	710.8					95% KM (BCA) UCL	0.497
69					95% Gamma Approximate UCL	1.006						
70					95% Adjusted Gamma UCL	1.008						
71	**Note: DL/2 is not a recommended method.**											
72												
73												
74	**Aroclor-1268**											
75						**General Statistics**						
76					Number of Valid Data	59					Number of Detected Data	31
77					Number of Distinct Detected Data	22					Number of Non-Detect Data	28
78											Percent Non-Detects	47.46%
79												
80					**Raw Statistics**						**Log-transformed Statistics**	
81					Minimum Detected	0.0023					Minimum Detected	-6.075
82					Maximum Detected	5.68					Maximum Detected	1.737
83					Mean of Detected	0.638					Mean of Detected	-1.877
84					SD of Detected	1.077					SD of Detected	2.031
85					Minimum Non-Detect	0.0021					Minimum Non-Detect	-6.166
86					Maximum Non-Detect	2.5					Maximum Non-Detect	0.916
87												
88	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	58
89	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
90	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.31%
91												
92						**UCL Statistics**							
93					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
94					Shapiro Wilk Test Statistic	0.554					Shapiro Wilk Test Statistic	0.93
95					5% Shapiro Wilk Critical Value	0.929					5% Shapiro Wilk Critical Value	0.929
96					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
97												
98					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
99					DL/2 Substitution Method						DL/2 Substitution Method	
100					Mean	0.795					Mean	-1.32
101					SD	0.839					SD	2.135
102					95% DL/2 (t) UCL	0.978					95% H-Stat (DL/2) UCL	6.115
103												
104					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
105					**MLE method failed to converge properly**						Mean in Log Scale	-2.352
106											SD in Log Scale	1.81

107											Mean in Original Scale	0.383
108											SD in Original Scale	0.823
109											95% Percentile Bootstrap UCL	0.572
110											95% BCA Bootstrap UCL	0.663
111												
112	Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only				
113					k star (bias corrected)	0.43		Data appear Lognormal at 5% Significance Level				
114					Theta Star	1.483						
115					nu star	26.66						
116												
117					A-D Test Statistic	1.23		Nonparametric Statistics				
118					5% A-D Critical Value	0.82					Kaplan-Meier (KM) Method	
119					K-S Test Statistic	0.82					Mean	0.504
120					5% K-S Critical Value	0.168					SD	0.855
121	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.127
122											95% KM (t) UCL	0.716
123	Assuming Gamma Distribution										95% KM (z) UCL	0.713
124					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.716
125					Minimum	1E-09					95% KM (bootstrap t) UCL	0.781
126					Maximum	5.68					95% KM (BCA) UCL	0.741
127					Mean	0.565					95% KM (Percentile Bootstrap) UCL	0.711
128					Median	0.49					95% KM (Chebyshev) UCL	1.058
129					SD	0.838					97.5% KM (Chebyshev) UCL	1.297
130					k star	0.273					99% KM (Chebyshev) UCL	1.768
131					Theta star	2.065						
132					Nu star	32.27		Potential UCLs to Use				
133					AppChi2	20.29					99% KM (Chebyshev) UCL	1.768
134					95% Gamma Approximate UCL	0.898						
135					95% Adjusted Gamma UCL	0.909						
136	Note: DL/2 is not a recommended method.											
137												
138												
139	Arsenic											
140							General Statistics					
141					Number of Valid Data	40					Number of Detected Data	19
142					Number of Distinct Detected Data	19					Number of Non-Detect Data	21
143											Percent Non-Detects	52.50%
144												
145	Raw Statistics							Log-transformed Statistics				
146					Minimum Detected	0.27					Minimum Detected	-1.309
147					Maximum Detected	3.5					Maximum Detected	1.253
148					Mean of Detected	1.119					Mean of Detected	-0.33
149					SD of Detected	1.091					SD of Detected	0.947
150					Minimum Non-Detect	1.5					Minimum Non-Detect	0.405
151					Maximum Non-Detect	4					Maximum Non-Detect	1.386
152												
153	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	40
154	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
155	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
156												
157	UCL Statistics											
158	Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only				
159					Shapiro Wilk Test Statistic	0.766					Shapiro Wilk Test Statistic	0.837

160					5% Shapiro Wilk Critical Value	0.901					5% Shapiro Wilk Critical Value	0.901
161					Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level	
162												
163					Assuming Normal Distribution						Assuming Lognormal Distribution	
164					DL/2 Substitution Method						DL/2 Substitution Method	
165					Mean	1.113					Mean	-0.145
166					SD	0.822					SD	0.725
167					95% DL/2 (t) UCL	1.332					95% H-Stat (DL/2) UCL	2.221
168												
169					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
170					MLE method failed to converge properly						Mean in Log Scale	-0.533
171											SD in Log Scale	0.762
172											Mean in Original Scale	0.819
173											SD in Original Scale	0.818
174											95% Percentile Bootstrap UCL	1.045
175											95% BCA Bootstrap UCL	1.1
176												
177					Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only	
178					k star (bias corrected)	1.106					Data do not follow a Discernable Distribution (0.05)	
179					Theta Star	1.012						
180					nu star	42.03						
181												
182					A-D Test Statistic	1.536					Nonparametric Statistics	
183					5% A-D Critical Value	0.763					Kaplan-Meier (KM) Method	
184					K-S Test Statistic	0.763					Mean	0.825
185					5% K-S Critical Value	0.203					SD	0.872
186					Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.159
187											95% KM (t) UCL	1.094
188					Assuming Gamma Distribution						95% KM (z) UCL	1.088
189					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.093
190					Minimum	0.27					95% KM (bootstrap t) UCL	1.177
191					Maximum	3.5					95% KM (BCA) UCL	1.09
192					Mean	1.118					95% KM (Percentile Bootstrap) UCL	1.08
193					Median	1.113					95% KM (Chebyshev) UCL	1.52
194					SD	0.741					97.5% KM (Chebyshev) UCL	1.821
195					k star	2.362					99% KM (Chebyshev) UCL	2.411
196					Theta star	0.473						
197					Nu star	188.9					Potential UCLs to Use	
198					AppChi2	158.1					95% KM (t) UCL	1.094
199					95% Gamma Approximate UCL	1.335					95% KM (% Bootstrap) UCL	1.08
200					95% Adjusted Gamma UCL	1.344						
201	Note: DL/2 is not a recommended method.											
202												
203												
204	Benzo(a)anthracene											
205					General Statistics							
206					Number of Valid Data	78					Number of Detected Data	23
207					Number of Distinct Detected Data	23					Number of Non-Detect Data	55
208											Percent Non-Detects	70.51%
209												
210					Raw Statistics						Log-transformed Statistics	
211					Minimum Detected	0.0017					Minimum Detected	-6.377
212					Maximum Detected	1.3					Maximum Detected	0.262

213				Mean of Detected	0.239					Mean of Detected	-3.103
214				SD of Detected	0.396					SD of Detected	2.124
215				Minimum Non-Detect	0.00048					Minimum Non-Detect	-7.642
216				Maximum Non-Detect	13					Maximum Non-Detect	2.565
217											
218	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	78
219	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0
220	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%
221											
222	**UCL Statistics**										
223	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**	
224				Shapiro Wilk Test Statistic	0.638					Shapiro Wilk Test Statistic	0.944
225				5% Shapiro Wilk Critical Value	0.914					5% Shapiro Wilk Critical Value	0.914
226	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**	
227											
228	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**	
229				DL/2 Substitution Method						DL/2 Substitution Method	
230				Mean	1.027					Mean	-1.709
231				SD	1.713					SD	2.29
232				95% DL/2 (t) UCL	1.35					95% H-Stat (DL/2) UCL	10.75
233											
234				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
235	**MLE method failed to converge properly**									Mean in Log Scale	-4.069
236										SD in Log Scale	1.728
237										Mean in Original Scale	0.0869
238										SD in Original Scale	0.235
239										95% Percentile Bootstrap UCL	0.132
240										95% BCA Bootstrap UCL	0.143
241											
242	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**	
243				k star (bias corrected)	0.372					**Data Follow Appr. Gamma Distribution at 5% Significance Level**	
244				Theta Star	0.641						
245				nu star	17.12						
246											
247				A-D Test Statistic	0.869					**Nonparametric Statistics**	
248				5% A-D Critical Value	0.828					Kaplan-Meier (KM) Method	
249				K-S Test Statistic	0.828					Mean	0.113
250				5% K-S Critical Value	0.195					SD	0.258
251	**Data follow Appr. Gamma Distribution at 5% Significance Level**									SE of Mean	0.0347
252										95% KM (t) UCL	0.171
253	**Assuming Gamma Distribution**									95% KM (z) UCL	0.17
254				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.17
255				Minimum	0.0017					95% KM (bootstrap t) UCL	0.193
256				Maximum	1.3					95% KM (BCA) UCL	0.181
257				Mean	0.222					95% KM (Percentile Bootstrap) UCL	0.172
258				Median	0.178					95% KM (Chebyshev) UCL	0.265
259				SD	0.238					97.5% KM (Chebyshev) UCL	0.33
260				k star	0.922					99% KM (Chebyshev) UCL	0.459
261				Theta star	0.241						
262				Nu star	143.9					**Potential UCLs to Use**	
263				AppChi2	117.2					95% KM (t) UCL	0.171
264				95% Gamma Approximate UCL	0.273						
265				95% Adjusted Gamma UCL	0.274						

	A	B	C	D	E	F	G	H	I	J	K	L
266	Note: DL/2 is not a recommended method.											
267												
268												
269	Benzo(a)pyrene											
270						General Statistics						
271						Number of Valid Data	78			Number of Detected Data		23
272						Number of Distinct Detected Data	22			Number of Non-Detect Data		55
273										Percent Non-Detects		70.51%
274												
275				Raw Statistics						Log-transformed Statistics		
276						Minimum Detected	0.0018			Minimum Detected		-6.32
277						Maximum Detected	1.3			Maximum Detected		0.262
278						Mean of Detected	0.176			Mean of Detected		-3.228
279						SD of Detected	0.314			SD of Detected		1.987
280						Minimum Non-Detect	0.0017			Minimum Non-Detect		-6.377
281						Maximum Non-Detect	13			Maximum Non-Detect		2.565
282												
283	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		78
284	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
285	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
286												
287						UCL Statistics						
288				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
289						Shapiro Wilk Test Statistic	0.605			Shapiro Wilk Test Statistic		0.953
290						5% Shapiro Wilk Critical Value	0.914			5% Shapiro Wilk Critical Value		0.914
291				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
292												
293				Assuming Normal Distribution						Assuming Lognormal Distribution		
294						DL/2 Substitution Method				DL/2 Substitution Method		
295						Mean	1.066			Mean		-1.605
296						SD	1.747			SD		2.18
297						95% DL/2 (t) UCL	1.395			95% H-Stat (DL/2) UCL		9.904
298												
299						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
300				MLE method failed to converge properly						Mean in Log Scale		-3.927
301										SD in Log Scale		1.541
302										Mean in Original Scale		0.0706
303										SD in Original Scale		0.183
304										95% Percentile Bootstrap UCL		0.109
305										95% BCA Bootstrap UCL		0.121
306												
307				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
308						k star (bias corrected)	0.407			Data appear Gamma Distributed at 5% Significance Level		
309						Theta Star	0.433					
310						nu star	18.74					
311												
312						A-D Test Statistic	0.609			Nonparametric Statistics		
313						5% A-D Critical Value	0.819			Kaplan-Meier (KM) Method		
314						K-S Test Statistic	0.819			Mean		0.0959
315						5% K-S Critical Value	0.193			SD		0.205
316				Data appear Gamma Distributed at 5% Significance Level						SE of Mean		0.0286
317										95% KM (t) UCL		0.143
318				Assuming Gamma Distribution						95% KM (z) UCL		0.143

319	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		0.143
320					Minimum	0.0018				95% KM (bootstrap t) UCL		0.174
321					Maximum	1.3				95% KM (BCA) UCL		0.147
322					Mean	0.17				95% KM (Percentile Bootstrap) UCL		0.145
323					Median	0.154				95% KM (Chebyshev) UCL		0.22
324					SD	0.174				97.5% KM (Chebyshev) UCL		0.274
325					k star	1.163				99% KM (Chebyshev) UCL		0.38
326					Theta star	0.146						
327					Nu star	181.5				**Potential UCLs to Use**		
328					AppChi2	151.3				95% KM (t) UCL		0.143
329					95% Gamma Approximate UCL	0.204						
330					95% Adjusted Gamma UCL	0.205						
331	**Note: DL/2 is not a recommended method.**											
332												
333												
334	**Benzo(b)fluoranthene**											
335						**General Statistics**						
336					Number of Valid Data	37				Number of Detected Data		15
337					Number of Distinct Detected Data	15				Number of Non-Detect Data		22
338										Percent Non-Detects		59.46%
339												
340				**Raw Statistics**						**Log-transformed Statistics**		
341					Minimum Detected	0.0035				Minimum Detected		-5.655
342					Maximum Detected	0.69				Maximum Detected		-0.371
343					Mean of Detected	0.108				Mean of Detected		-3.558
344					SD of Detected	0.193				SD of Detected		1.704
345					Minimum Non-Detect	0.00025				Minimum Non-Detect		-8.294
346					Maximum Non-Detect	0.68				Maximum Non-Detect		-0.386
347												
348	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		36
349	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
350	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		97.30%
351												
352						**UCL Statistics**						
353				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
354					Shapiro Wilk Test Statistic	0.611				Shapiro Wilk Test Statistic		0.932
355					5% Shapiro Wilk Critical Value	0.881				5% Shapiro Wilk Critical Value		0.881
356				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
357												
358				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
359					DL/2 Substitution Method					DL/2 Substitution Method		
360					Mean	0.136				Mean		-2.974
361					SD	0.135				SD		2.05
362					95% DL/2 (t) UCL	0.174				95% H-Stat (DL/2) UCL		1.803
363												
364					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
365				**MLE method failed to converge properly**						Mean in Log Scale		-4.359
366										SD in Log Scale		1.617
367										Mean in Original Scale		0.0527
368										SD in Original Scale		0.13
369										95% Percentile Bootstrap UCL		0.0927
370										95% BCA Bootstrap UCL		0.107
371												

372	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
373					k star (bias corrected)	0.428	Data Follow Appr. Gamma Distribution at 5% Significance Level					
374					Theta Star	0.253						
375					nu star	12.84						
376												
377					A-D Test Statistic	0.874	Nonparametric Statistics					
378					5% A-D Critical Value	0.797				Kaplan-Meier (KM) Method		
379					K-S Test Statistic	0.797				Mean		0.0621
380					5% K-S Critical Value	0.234				SD		0.132
381	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean		0.0247
382										95% KM (t) UCL		0.104
383	Assuming Gamma Distribution									95% KM (z) UCL		0.103
384					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.103
385					Minimum	1E-09				95% KM (bootstrap t) UCL		0.137
386					Maximum	0.69				95% KM (BCA) UCL		0.107
387					Mean	0.102				95% KM (Percentile Bootstrap) UCL		0.107
388					Median	0.051				95% KM (Chebyshev) UCL		0.17
389					SD	0.153				97.5% KM (Chebyshev) UCL		0.216
390					k star	0.161				99% KM (Chebyshev) UCL		0.308
391					Theta star	0.634						
392					Nu star	11.91	Potential UCLs to Use					
393					AppChi2	5.169				95% KM (t) UCL		0.104
394					95% Gamma Approximate UCL	0.235						
395					95% Adjusted Gamma UCL	0.244						
396	Note: DL/2 is not a recommended method.											
397												
398												
399	Benzo(b/k)fluoranthene											
400					General Statistics							
401					Number of Valid Data	41				Number of Detected Data		9
402					Number of Distinct Detected Data	9				Number of Non-Detect Data		32
403										Percent Non-Detects		78.05%
404												
405	Raw Statistics						Log-transformed Statistics					
406					Minimum Detected	0.068				Minimum Detected		-2.688
407					Maximum Detected	1.6				Maximum Detected		0.47
408					Mean of Detected	0.436				Mean of Detected		-1.35
409					SD of Detected	0.518				SD of Detected		1.046
410					Minimum Non-Detect	0.35				Minimum Non-Detect		-1.05
411					Maximum Non-Detect	13				Maximum Non-Detect		2.565
412												
413	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		41
414	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
415	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
416												
417	Warning: There are only 9 Detected Values in this data											
418	Note: It should be noted that even though bootstrap may be performed on this data set											
419	the resulting calculations may not be reliable enough to draw conclusions											
420												
421	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
422												
423												
424	bis(2-Ethylhexyl) phthalate											

425												
426						General Statistics						
427						Number of Valid Data	52				Number of Detected Data	7
428						Number of Distinct Detected Data	7				Number of Non-Detect Data	45
429											Percent Non-Detects	86.54%
430												
431						Raw Statistics					Log-transformed Statistics	
432						Minimum Detected	0.013				Minimum Detected	-4.343
433						Maximum Detected	46				Maximum Detected	3.829
434						Mean of Detected	6.973				Mean of Detected	-1.257
435						SD of Detected	17.22				SD of Detected	2.924
436						Minimum Non-Detect	0.007				Minimum Non-Detect	-4.962
437						Maximum Non-Detect	13				Maximum Non-Detect	2.565
438												
439	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	51
440	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
441	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.08%
442												
443						Warning: There are only 7 Detected Values in this data						
444						Note: It should be noted that even though bootstrap may be performed on this data set						
445						the resulting calculations may not be reliable enough to draw conclusions						
446												
447						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
448												
449												
450	Chromium											
451						General Statistics						
452						Number of Valid Observations	40				Number of Distinct Observations	32
453												
454						Raw Statistics					Log-transformed Statistics	
455						Minimum	1.74				Minimum of Log Data	0.554
456						Maximum	17				Maximum of Log Data	2.833
457						Mean	4.211				Mean of log Data	1.295
458						Median	3.58				SD of log Data	0.497
459						SD	2.889					
460						Coefficient of Variation	0.686					
461						Skewness	2.956					
462												
463						Relevant UCL Statistics						
464						Normal Distribution Test					Lognormal Distribution Test	
465						Shapiro Wilk Test Statistic	0.689				Shapiro Wilk Test Statistic	0.933
466						Shapiro Wilk Critical Value	0.94				Shapiro Wilk Critical Value	0.94
467						Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level	
468												
469						Assuming Normal Distribution					Assuming Lognormal Distribution	
470						95% Student's-t UCL	4.98				95% H-UCL	4.811
471						95% UCLs (Adjusted for Skewness)					95% Chebyshev (MVUE) UCL	5.592
472						95% Adjusted-CLT UCL	5.19				97.5% Chebyshev (MVUE) UCL	6.231
473						95% Modified-t UCL	5.016				99% Chebyshev (MVUE) UCL	7.486
474												
475						Gamma Distribution Test					Data Distribution	
476						k star (bias corrected)	3.403				Data do not follow a Discernable Distribution (0.05)	
477						Theta Star	1.237					

478					MLE of Mean	4.211						
479					MLE of Standard Deviation	2.283						
480					nu star	272.2						
481					Approximate Chi Square Value (.05)	235				Nonparametric Statistics		
482					Adjusted Level of Significance	0.044				95% CLT UCL		4.962
483					Adjusted Chi Square Value	233.7				95% Jackknife UCL		4.98
484										95% Standard Bootstrap UCL		4.934
485					Anderson-Darling Test Statistic	1.265				95% Bootstrap-t UCL		5.552
486					Anderson-Darling 5% Critical Value	0.753				95% Hall's Bootstrap UCL		8.561
487					Kolmogorov-Smirnov Test Statistic	0.156				95% Percentile Bootstrap UCL		5.02
488					Kolmogorov-Smirnov 5% Critical Value	0.14				95% BCA Bootstrap UCL		5.197
489					Data not Gamma Distributed at 5% Significance Level					95% Chebyshev(Mean, Sd) UCL		6.202
490										97.5% Chebyshev(Mean, Sd) UCL		7.063
491					Assuming Gamma Distribution					99% Chebyshev(Mean, Sd) UCL		8.755
492					95% Approximate Gamma UCL	4.877						
493					95% Adjusted Gamma UCL	4.904						
494												
495					Potential UCL to Use					Use 95% Student's-t UCL		4.98
496										or 95% Modified-t UCL		5.016
497												
498					UCL Statistics							
499					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
500					Shapiro Wilk Test Statistic	0.482				Shapiro Wilk Test Statistic		0.922
501					5% Shapiro Wilk Critical Value	0.803				5% Shapiro Wilk Critical Value		0.803
502					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
503												
504					Assuming Normal Distribution					Assuming Lognormal Distribution		
505					DL/2 Substitution Method					DL/2 Substitution Method		
506					Mean	2.56				Mean		-0.942
507					SD	6.465				SD		2.439
508					95% DL/2 (t) UCL	4.062				95% H-Stat (DL/2) UCL		46.58
509												
510					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
511					MLE method failed to converge properly					Mean in Log Scale		-6.532
512										SD in Log Scale		3.122
513										Mean in Original Scale		0.942
514										SD in Original Scale		6.376
515										95% Percentile Bootstrap UCL		2.7
516										95% BCA Bootstrap UCL		4.446
517												
518					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
519					k star (bias corrected)	0.224				Data appear Gamma Distributed at 5% Significance Level		
520					Theta Star	31.1						
521					nu star	3.139						
522												
523					A-D Test Statistic	0.732				Nonparametric Statistics		
524					5% A-D Critical Value	0.812				Kaplan-Meier (KM) Method		
525					K-S Test Statistic	0.812				Mean		0.985
526					5% K-S Critical Value	0.34				SD		6.312
527					Data appear Gamma Distributed at 5% Significance Level					SE of Mean		0.946
528										95% KM (t) UCL		2.57
529					Assuming Gamma Distribution					95% KM (z) UCL		2.541
530					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		2.464

531					Minimum	1E-09					95% KM (bootstrap t) UCL	40.15
532					Maximum	100.6					95% KM (BCA) UCL	2.804
533					Mean	15.12					95% KM (Percentile Bootstrap) UCL	2.742
534					Median	4.704					95% KM (Chebyshev) UCL	5.109
535					SD	23.9					97.5% KM (Chebyshev) UCL	6.894
536					k star	0.111					99% KM (Chebyshev) UCL	10.4
537					Theta star	136.3						
538					Nu star	11.54					**Potential UCLs to Use**	
539					AppChi2	4.923					95% KM (t) UCL	2.57
540					95% Gamma Approximate UCL	35.44						
541					95% Adjusted Gamma UCL	36.35						
542	**Note: DL/2 is not a recommended method.**											
543												
544												
545	**Dibenzo(a,h)anthracene**											
546						**General Statistics**						
547					Number of Valid Data	78					Number of Detected Data	11
548					Number of Distinct Detected Data	11					Number of Non-Detect Data	67
549											Percent Non-Detects	85.90%
550												
551					**Raw Statistics**						**Log-transformed Statistics**	
552					Minimum Detected	0.00066					Minimum Detected	-7.323
553					Maximum Detected	0.068					Maximum Detected	-2.688
554					Mean of Detected	0.0159					Mean of Detected	-4.796
555					SD of Detected	0.0191					SD of Detected	1.329
556					Minimum Non-Detect	0.00028					Minimum Non-Detect	-8.181
557					Maximum Non-Detect	13					Maximum Non-Detect	2.565
558												
559	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	78
560	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
561	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
562												
563						**UCL Statistics**						
564					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
565					Shapiro Wilk Test Statistic	0.73					Shapiro Wilk Test Statistic	0.961
566					5% Shapiro Wilk Critical Value	0.85					5% Shapiro Wilk Critical Value	0.85
567					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
568												
569					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
570					DL/2 Substitution Method						DL/2 Substitution Method	
571					Mean	1.132					Mean	-1.826
572					SD	1.815					SD	2.577
573					95% DL/2 (t) UCL	1.474					95% H-Stat (DL/2) UCL	20.1
574												
575					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
576					**MLE method failed to converge properly**						Mean in Log Scale	-5.875
577											SD in Log Scale	1.393
578											Mean in Original Scale	0.00685
579											SD in Original Scale	0.0112
580											95% Percentile Bootstrap UCL	0.0092
581											95% BCA Bootstrap UCL	0.00967
582												
583					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	

584				k star (bias corrected)	0.708	Data appear Gamma Distributed at 5% Significance Level						
585				Theta Star	0.0225							
586				nu star	15.58							
587												
588				A-D Test Statistic	0.275	Nonparametric Statistics						
589				5% A-D Critical Value	0.756					Kaplan-Meier (KM) Method		
590				K-S Test Statistic	0.756					Mean		0.0105
591				5% K-S Critical Value	0.263					SD		0.0164
592	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.00417
593										95% KM (t) UCL		0.0175
594	Assuming Gamma Distribution									95% KM (z) UCL		0.0174
595			Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL		0.0172
596				Minimum	1E-09					95% KM (bootstrap t) UCL		0.0246
597				Maximum	0.0762					95% KM (BCA) UCL		0.0194
598				Mean	0.0269					95% KM (Percentile Bootstrap) UCL		0.0185
599				Median	0.0293					95% KM (Chebyshev) UCL		0.0287
600				SD	0.0203					97.5% KM (Chebyshev) UCL		0.0366
601				k star	0.58					99% KM (Chebyshev) UCL		0.052
602				Theta star	0.0464							
603				Nu star	90.49	Potential UCLs to Use						
604				AppChi2	69.55					95% KM (t) UCL		0.0175
605				95% Gamma Approximate UCL	0.035							
606				95% Adjusted Gamma UCL	0.0352							
607	Note: DL/2 is not a recommended method.											
608												
609												
610	Indeno(1,2,3-cd)pyrene											
611												
612	General Statistics											
613				Number of Valid Data	78					Number of Detected Data		20
614				Number of Distinct Detected Data	18					Number of Non-Detect Data		58
615										Percent Non-Detects		74.36%
616												
617	Raw Statistics					Log-transformed Statistics						
618				Minimum Detected	0.0021					Minimum Detected		-6.166
619				Maximum Detected	0.24					Maximum Detected		-1.427
620				Mean of Detected	0.0558					Mean of Detected		-3.825
621				SD of Detected	0.0664					SD of Detected		1.612
622				Minimum Non-Detect	0.0015					Minimum Non-Detect		-6.502
623				Maximum Non-Detect	13					Maximum Non-Detect		2.565
624												
625	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		78
626	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
627	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
628												
629	UCL Statistics											
630	Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only						
631				Shapiro Wilk Test Statistic	0.798					Shapiro Wilk Test Statistic		0.907
632				5% Shapiro Wilk Critical Value	0.905					5% Shapiro Wilk Critical Value		0.905
633	Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level						
634												
635	Assuming Normal Distribution					Assuming Lognormal Distribution						
636				DL/2 Substitution Method						DL/2 Substitution Method		

637					Mean	1.134					Mean	-1.622
638					SD	1.813					SD	2.242
639					95% DL/2 (t) UCL	1.476					95% H-Stat (DL/2) UCL	12.1
640												
641					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
642					**MLE method failed to converge properly**						Mean in Log Scale	-4.15
643											SD in Log Scale	1.356
644											Mean in Original Scale	0.0346
645											SD in Original Scale	0.0468
646											95% Percentile Bootstrap UCL	0.0439
647											95% BCA Bootstrap UCL	0.0443
648												
649					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
650					k star (bias corrected)	0.586					**Data appear Gamma Distributed at 5% Significance Level**	
651					Theta Star	0.0953						
652					nu star	23.43						
653												
654					A-D Test Statistic	0.616					**Nonparametric Statistics**	
655					5% A-D Critical Value	0.789					Kaplan-Meier (KM) Method	
656					K-S Test Statistic	0.789					Mean	0.051
657					5% K-S Critical Value	0.203					SD	0.0636
658					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.0139
659											95% KM (t) UCL	0.0741
660					**Assuming Gamma Distribution**						95% KM (z) UCL	0.0738
661					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0744
662					Minimum	1E-09					95% KM (bootstrap t) UCL	0.0844
663					Maximum	0.24					95% KM (BCA) UCL	0.0732
664					Mean	0.059					95% KM (Percentile Bootstrap) UCL	0.0737
665					Median	0.0544					95% KM (Chebyshev) UCL	0.112
666					SD	0.0539					97.5% KM (Chebyshev) UCL	0.138
667					k star	0.333					99% KM (Chebyshev) UCL	0.189
668					Theta star	0.177						
669					Nu star	51.88					**Potential UCLs to Use**	
670					AppChi2	36.33					95% KM (t) UCL	0.0741
671					95% Gamma Approximate UCL	0.0842						
672					95% Adjusted Gamma UCL	0.0847						
673	**Note: DL/2 is not a recommended method.**											
674												
675												
676	**Iron**											
677									**General Statistics**			
678					Number of Valid Observations	40					Number of Distinct Observations	35
679												
680					**Raw Statistics**						**Log-transformed Statistics**	
681					Minimum	797					Minimum of Log Data	6.681
682					Maximum	26000					Maximum of Log Data	10.17
683					Mean	3209					Mean of log Data	7.732
684					Median	2000					SD of log Data	0.693
685					SD	4338						
686					Coefficient of Variation	1.352						
687					Skewness	4.258						
688												
689									**Relevant UCL Statistics**			

	A	B	C	D	E	F	G	H	I	J	K	L
690	**Normal Distribution Test**						**Lognormal Distribution Test**					
691	Shapiro Wilk Test Statistic					0.472	Shapiro Wilk Test Statistic					0.864
692	Shapiro Wilk Critical Value					0.94	Shapiro Wilk Critical Value					0.94
693	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
694												
695	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
696	95% Student's-t UCL					4364	95% H-UCL					3655
697	**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL					4375
698	95% Adjusted-CLT UCL					4830	97.5% Chebyshev (MVUE) UCL					5022
699	95% Modified-t UCL					4441	99% Chebyshev (MVUE) UCL					6294
700												
701	**Gamma Distribution Test**						**Data Distribution**					
702	k star (bias corrected)					1.507	**Data do not follow a Discernable Distribution (0.05)**					
703	Theta Star					2130						
704	MLE of Mean					3209						
705	MLE of Standard Deviation					2614						
706	nu star					120.5						
707	Approximate Chi Square Value (.05)					96.18	**Nonparametric Statistics**					
708	Adjusted Level of Significance					0.044	95% CLT UCL					4337
709	Adjusted Chi Square Value					95.37	95% Jackknife UCL					4364
710							95% Standard Bootstrap UCL					4320
711	Anderson-Darling Test Statistic					3.68	95% Bootstrap-t UCL					5909
712	Anderson-Darling 5% Critical Value					0.764	95% Hall's Bootstrap UCL					7627
713	Kolmogorov-Smirnov Test Statistic					0.257	95% Percentile Bootstrap UCL					4413
714	Kolmogorov-Smirnov 5% Critical Value					0.142	95% BCA Bootstrap UCL					5213
715	**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL					6198
716							97.5% Chebyshev(Mean, Sd) UCL					7492
717	**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL					10033
718	95% Approximate Gamma UCL					4021						
719	95% Adjusted Gamma UCL					4055						
720												
721	**Potential UCL to Use**						Use 95% Chebyshev (Mean, Sd) UCL					6198
722												
723												
724	**Lead**											
725							**General Statistics**					
726				Number of Valid Data		90				Number of Detected Data		65
727				Number of Distinct Detected Data		63				Number of Non-Detect Data		25
728										Percent Non-Detects		27.78%
729												
730				**Raw Statistics**						**Log-transformed Statistics**		
731				Minimum Detected		0.61				Minimum Detected		-0.494
732				Maximum Detected		516				Maximum Detected		6.246
733				Mean of Detected		56.26				Mean of Detected		3.359
734				SD of Detected		82.49				SD of Detected		1.208
735				Minimum Non-Detect		3				Minimum Non-Detect		1.099
736				Maximum Non-Detect		60				Maximum Non-Detect		4.094
737												
738	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		72
739	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		18
740	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		80.00%
741												
742							**UCL Statistics**					

	A	B	C	D	E	F	G	H	I	J	K	L
743	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
744					Lilliefors Test Statistic	0.25					Lilliefors Test Statistic	0.0521
745					5% Lilliefors Critical Value	0.11					5% Lilliefors Critical Value	0.11
746	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
747												
748	Assuming Normal Distribution						Assuming Lognormal Distribution					
749					DL/2 Substitution Method						DL/2 Substitution Method	
750					Mean	43.33					Mean	2.968
751					SD	73.14					SD	1.281
752					95% DL/2 (t) UCL	56.15					95% H-Stat (DL/2) UCL	42.79
753												
754					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
755	MLE yields a negative mean										Mean in Log Scale	2.885
756											SD in Log Scale	1.323
757											Mean in Original Scale	42.4
758											SD in Original Scale	73.5
759											95% Percentile Bootstrap UCL	55.94
760											95% BCA Bootstrap UCL	60.59
761												
762	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
763					k star (bias corrected)	0.844	Data Follow Appr. Gamma Distribution at 5% Significance Level					
764					Theta Star	66.62						
765					nu star	109.8						
766												
767					A-D Test Statistic	1.021	Nonparametric Statistics					
768					5% A-D Critical Value	0.786					Kaplan-Meier (KM) Method	
769					K-S Test Statistic	0.786					Mean	42.64
770					5% K-S Critical Value	0.114					SD	73.06
771	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	7.773
772											95% KM (t) UCL	55.56
773	Assuming Gamma Distribution										95% KM (z) UCL	55.43
774					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	55.42
775					Minimum	1E-09					95% KM (bootstrap t) UCL	62.61
776					Maximum	516					95% KM (BCA) UCL	57.53
777					Mean	46.18					95% KM (Percentile Bootstrap) UCL	56.6
778					Median	23.17					95% KM (Chebyshev) UCL	76.52
779					SD	73.22					97.5% KM (Chebyshev) UCL	91.18
780					k star	0.3					99% KM (Chebyshev) UCL	120
781					Theta star	153.7						
782					Nu star	54.09	Potential UCLs to Use					
783					AppChi2	38.19					95% KM (Chebyshev) UCL	76.52
784					95% Gamma Approximate UCL	65.4						
785					95% Adjusted Gamma UCL	65.78						
786	Note: DL/2 is not a recommended method.											
787												
788												
789	Mercury											
790						General Statistics						
791					Number of Valid Data	101					Number of Detected Data	73
792					Number of Distinct Detected Data	61					Number of Non-Detect Data	28
793											Percent Non-Detects	27.72%
794												
795	Raw Statistics						Log-transformed Statistics					

	A	B	C	D	E	F	G	H	I	J	K	L
796					Minimum Detected	0.0068					Minimum Detected	-4.991
797					Maximum Detected	38					Maximum Detected	3.638
798					Mean of Detected	2.757					Mean of Detected	-0.595
799					SD of Detected	6.511					SD of Detected	1.878
800					Minimum Non-Detect	0.11					Minimum Non-Detect	-2.207
801					Maximum Non-Detect	0.63					Maximum Non-Detect	-0.462
802												
803	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	66
804	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	35
805	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	65.35%
806												
807						UCL Statistics						
808				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
809					Lilliefors Test Statistic	0.336					Lilliefors Test Statistic	0.0778
810					5% Lilliefors Critical Value	0.104					5% Lilliefors Critical Value	0.104
811				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
812												
813				Assuming Normal Distribution						Assuming Lognormal Distribution		
814					DL/2 Substitution Method						DL/2 Substitution Method	
815					Mean	2.042					Mean	-0.981
816					SD	5.645					SD	1.762
817					95% DL/2 (t) UCL	2.975					95% H-Stat (DL/2) UCL	2.575
818												
819					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
820				MLE yields a negative mean							Mean in Log Scale	-1.175
821											SD in Log Scale	1.908
822											Mean in Original Scale	2.018
823											SD in Original Scale	5.653
824											95% Percentile Bootstrap UCL	3.038
825											95% BCA Bootstrap UCL	3.412
826												
827				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
828					k star (bias corrected)	0.4				Data appear Lognormal at 5% Significance Level		
829					Theta Star	6.89						
830					nu star	58.41						
831												
832					A-D Test Statistic	2.812				Nonparametric Statistics		
833					5% A-D Critical Value	0.84					Kaplan-Meier (KM) Method	
834					K-S Test Statistic	0.84					Mean	2.021
835					5% K-S Critical Value	0.112					SD	5.624
836				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.564
837											95% KM (t) UCL	2.957
838				Assuming Gamma Distribution							95% KM (z) UCL	2.948
839					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.955
840					Minimum	1E-09					95% KM (bootstrap t) UCL	3.584
841					Maximum	38					95% KM (BCA) UCL	3.002
842					Mean	2.183					95% KM (Percentile Bootstrap) UCL	3.036
843					Median	0.372					95% KM (Chebyshev) UCL	4.478
844					SD	5.638					97.5% KM (Chebyshev) UCL	5.541
845					k star	0.183					99% KM (Chebyshev) UCL	7.629
846					Theta star	11.95						
847					Nu star	36.9				Potential UCLs to Use		
848					AppChi2	24					97.5% KM (Chebyshev) UCL	5.541

849				95% Gamma Approximate UCL		3.357						
850				95% Adjusted Gamma UCL		3.378						
851	**Note: DL/2 is not a recommended method.**											
852												
853												
854	**Vanadium**											
855						**General Statistics**						
856					Number of Valid Data	44				Number of Detected Data		27
857					Number of Distinct Detected Data	26				Number of Non-Detect Data		17
858										Percent Non-Detects		38.64%
859												
860					**Raw Statistics**					**Log-transformed Statistics**		
861					Minimum Detected	1.66				Minimum Detected		0.507
862					Maximum Detected	43				Maximum Detected		3.761
863					Mean of Detected	7.997				Mean of Detected		1.726
864					SD of Detected	8.47				SD of Detected		0.82
865					Minimum Non-Detect	3				Minimum Non-Detect		1.099
866					Maximum Non-Detect	9				Maximum Non-Detect		2.197
867												
868	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		35
869	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		9
870	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		79.55%
871												
872						**UCL Statistics**							
873					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
874					Shapiro Wilk Test Statistic	0.675				Shapiro Wilk Test Statistic		0.963
875					5% Shapiro Wilk Critical Value	0.923				5% Shapiro Wilk Critical Value		0.923
876					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
877												
878					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
879					DL/2 Substitution Method					DL/2 Substitution Method		
880					Mean	5.93				Mean		1.407
881					SD	7.123				SD		0.793
882					95% DL/2 (t) UCL	7.735				95% H-Stat (DL/2) UCL		7.137
883												
884					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
885					**MLE yields a negative mean**					Mean in Log Scale		1.412
886										SD in Log Scale		0.79
887										Mean in Original Scale		5.941
888										SD in Original Scale		7.115
889										95% Percentile Bootstrap UCL		7.781
890										95% BCA Bootstrap UCL		8.454
891												
892					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		
893					k star (bias corrected)	1.412				**Data appear Gamma Distributed at 5% Significance Level**		
894					Theta Star	5.662						
895					nu star	76.26						
896												
897					A-D Test Statistic	0.603				**Nonparametric Statistics**		
898					5% A-D Critical Value	0.762				Kaplan-Meier (KM) Method		
899					K-S Test Statistic	0.762				Mean		5.93
900					5% K-S Critical Value	0.171				SD		7.05
901					**Data appear Gamma Distributed at 5% Significance Level**					SE of Mean		1.09

	A	B	C	D	E	F	G	H	I	J	K	L
902											95% KM (t) UCL	7.762
903				**Assuming Gamma Distribution**							95% KM (z) UCL	7.723
904					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	7.75
905					Minimum	0.978					95% KM (bootstrap t) UCL	8.991
906					Maximum	43					95% KM (BCA) UCL	8.019
907					Mean	7.608					95% KM (Percentile Bootstrap) UCL	7.845
908					Median	6.058					95% KM (Chebyshev) UCL	10.68
909					SD	6.974					97.5% KM (Chebyshev) UCL	12.74
910					k star	1.736					99% KM (Chebyshev) UCL	16.77
911					Theta star	4.383						
912					Nu star	152.7			**Potential UCLs to Use**			
913					AppChi2	125.2					95% KM (Percentile Bootstrap) UCL	7.845
914					95% Gamma Approximate UCL	9.283						
915					95% Adjusted Gamma UCL	9.346						
916	**Note: DL/2 is not a recommended method.**											

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		From File		C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Excavation_Files\ProUCL_In								
4		Full Precision		OFF								
5		Confidence Coefficient		95%								
6		Number of Bootstrap Operations		2000								
7												
8	Aroclor-1221											
9						General Statistics						
10						Number of Valid Data	100			Number of Detected Data	41	
11						Number of Distinct Detected Data	18			Number of Non-Detect Data	59	
12										Percent Non-Detects	59.00%	
13												
14						Raw Statistics				Log-transformed Statistics		
15						Minimum Detected	0.27			Minimum Detected	-1.309	
16						Maximum Detected	7.25			Maximum Detected	1.981	
17						Mean of Detected	5.738			Mean of Detected	1.692	
18						SD of Detected	1.011			SD of Detected	0.487	
19						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
20						Maximum Non-Detect	2.67			Maximum Non-Detect	0.982	
21												
22	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	60	
23	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	40	
24	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	60.00%	
25												
26						UCL Statistics						
27						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
28						Shapiro Wilk Test Statistic	0.552			Shapiro Wilk Test Statistic	0.278	
29						5% Shapiro Wilk Critical Value	0.941			5% Shapiro Wilk Critical Value	0.941	
30						Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level		
31												
32						Assuming Normal Distribution				Assuming Lognormal Distribution		
33						DL/2 Substitution Method				DL/2 Substitution Method		
34						Mean	2.522			Mean	-1.385	
35						SD	2.796			SD	3.206	
36						95% DL/2 (t) UCL	2.986			95% H-Stat (DL/2) UCL	215.6	
37												
38						Maximum Likelihood Estimate(MLE) Method				Log ROS Method		
39						Mean	2.172			Mean in Log Scale	1.394	
40						SD	3.482			SD in Log Scale	0.41	
41						95% MLE (t) UCL	2.75			Mean in Original Scale	4.303	
42						95% MLE (Tiku) UCL	2.975			SD in Original Scale	1.4	
43										95% Percentile Bootstrap UCL	4.537	
44										95% BCA Bootstrap UCL	4.546	
45												
46						Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only		
47						k star (bias corrected)	8.614			Data do not follow a Discernable Distribution (0.05)		
48						Theta Star	0.666					
49						nu star	706.4					
50												
51						A-D Test Statistic	9.439			Nonparametric Statistics		
52						5% A-D Critical Value	0.749			Kaplan-Meier (KM) Method		
53						K-S Test Statistic	0.749			Mean	2.512	

54				5% K-S Critical Value	0.138					SD	2.764	
55	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.28	
56										95% KM (t) UCL	2.977	
57	**Assuming Gamma Distribution**									95% KM (z) UCL	2.972	
58				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	4.531	
59				Minimum	0.27					95% KM (bootstrap t) UCL	2.926	
60				Maximum	7.25					95% KM (BCA) UCL	5.671	
61				Mean	5.758					95% KM (Percentile Bootstrap) UCL	5.633	
62				Median	5.82					95% KM (Chebyshev) UCL	3.732	
63				SD	0.684					97.5% KM (Chebyshev) UCL	4.26	
64				k star	20.93					99% KM (Chebyshev) UCL	5.297	
65				Theta star	0.275							
66				Nu star	4186					**Potential UCLs to Use**		
67				AppChi2	4037					95% KM (t) UCL	2.977	
68				95% Gamma Approximate UCL	5.971					95% KM (% Bootstrap) UCL	5.633	
69				95% Adjusted Gamma UCL	5.974							
70	**Note: DL/2 is not a recommended method.**											
71												
72												
73	**Aroclor-1254**											
74					**General Statistics**							
75				Number of Valid Data	100					Number of Detected Data	59	
76				Number of Distinct Detected Data	37					Number of Non-Detect Data	41	
77										Percent Non-Detects	41.00%	
78												
79				**Raw Statistics**						**Log-transformed Statistics**		
80				Minimum Detected	0.013					Minimum Detected	-4.343	
81				Maximum Detected	11					Maximum Detected	2.398	
82				Mean of Detected	1.021					Mean of Detected	-0.522	
83				SD of Detected	1.4					SD of Detected	1.271	
84				Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377	
85				Maximum Non-Detect	2.67					Maximum Non-Detect	0.982	
86												
87	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	99	
88	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1	
89	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	99.00%	
90												
91					**UCL Statistics**							
92				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
93				Lilliefors Test Statistic	0.415					Lilliefors Test Statistic	0.372	
94				5% Lilliefors Critical Value	0.115					5% Lilliefors Critical Value	0.115	
95				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
96												
97				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
98				DL/2 Substitution Method						DL/2 Substitution Method		
99				Mean	0.765					Mean	-1.59	
100				SD	1.171					SD	2.306	
101				95% DL/2 (t) UCL	0.96					95% H-Stat (DL/2) UCL	5.482	
102												
103				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
104				**MLE method failed to converge properly**						Mean in Log Scale	-1.233	
105										SD in Log Scale	1.396	
106										Mean in Original Scale	0.661	

107											SD in Original Scale	1.158
108											95% Percentile Bootstrap UCL	0.877
109											95% BCA Bootstrap UCL	0.988
110												
111	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
112					k star (bias corrected)	1.014	Data do not follow a Discernable Distribution (0.05)					
113					Theta Star	1.007						
114					nu star	119.7						
115												
116					A-D Test Statistic	6.912	Nonparametric Statistics					
117					5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method	
118					K-S Test Statistic	0.778					Mean	0.682
119					5% K-S Critical Value	0.119					SD	1.17
120	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.12
121											95% KM (t) UCL	0.881
122	Assuming Gamma Distribution										95% KM (z) UCL	0.879
123					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.879
124					Minimum	0.013					95% KM (bootstrap t) UCL	1.022
125					Maximum	11					95% KM (BCA) UCL	0.929
126					Mean	0.934					95% KM (Percentile Bootstrap) UCL	0.902
127					Median	1.1					95% KM (Chebyshev) UCL	1.204
128					SD	1.126					97.5% KM (Chebyshev) UCL	1.43
129					k star	1.266					99% KM (Chebyshev) UCL	1.875
130					Theta star	0.738						
131					Nu star	253.1	Potential UCLs to Use					
132					AppChi2	217.3					95% KM (Chebyshev) UCL	1.204
133					95% Gamma Approximate UCL	1.088						
134					95% Adjusted Gamma UCL	1.091						
135	Note: DL/2 is not a recommended method.											
136												
137												
138	Aroclor-1260											
139							General Statistics					
140					Number of Valid Data	100					Number of Detected Data	42
141					Number of Distinct Detected Data	22					Number of Non-Detect Data	58
142											Percent Non-Detects	58.00%
143												
144	Raw Statistics						Log-transformed Statistics					
145					Minimum Detected	1.065					Minimum Detected	0.063
146					Maximum Detected	1.4					Maximum Detected	0.336
147					Mean of Detected	1.159					Mean of Detected	0.146
148					SD of Detected	0.0604					SD of Detected	0.0504
149					Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377
150					Maximum Non-Detect	2.67					Maximum Non-Detect	0.982
151												
152	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	100
153	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
154	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
155												
156	UCL Statistics											
157	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
158					Shapiro Wilk Test Statistic	0.844					Shapiro Wilk Test Statistic	0.866
159					5% Shapiro Wilk Critical Value	0.942					5% Shapiro Wilk Critical Value	0.942

160	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
161												
162	Assuming Normal Distribution						Assuming Lognormal Distribution					
163				DL/2 Substitution Method						DL/2 Substitution Method		
164				Mean		0.652				Mean		-2.067
165				SD		0.579				SD		2.634
166				95% DL/2 (t) UCL		0.748				95% H-Stat (DL/2) UCL		13.39
167												
168				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
169	MLE method failed to converge properly									Mean in Log Scale		0.0774
170										SD in Log Scale		0.0745
171										Mean in Original Scale		1.084
172										SD in Original Scale		0.0821
173										95% Percentile Bootstrap UCL		1.097
174										95% BCA Bootstrap UCL		1.097
175												
176	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
177				k star (bias corrected)		366.4	Data do not follow a Discernable Distribution (0.05)					
178				Theta Star		0.00316						
179				nu star		30781						
180												
181				A-D Test Statistic		1.073	Nonparametric Statistics					
182				5% A-D Critical Value		0.747				Kaplan-Meier (KM) Method		
183				K-S Test Statistic		0.747				Mean		1.11
184				5% K-S Critical Value		0.136				SD		0.0626
185	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.00679
186										95% KM (t) UCL		1.122
187	Assuming Gamma Distribution									95% KM (z) UCL		1.121
188				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.122
189				Minimum		1.065				95% KM (bootstrap t) UCL		1.122
190				Maximum		1.4				95% KM (BCA) UCL		1.136
191				Mean		1.161				95% KM (Percentile Bootstrap) UCL		1.132
192				Median		1.162				95% KM (Chebyshev) UCL		1.14
193				SD		0.0402				97.5% KM (Chebyshev) UCL		1.153
194				k star		848.1				99% KM (Chebyshev) UCL		1.178
195				Theta star		0.00137						
196				Nu star		169619	Potential UCLs to Use					
197				AppChi2		168662				95% KM (t) UCL		1.122
198				95% Gamma Approximate UCL		1.168				95% KM (% Bootstrap) UCL		1.132
199				95% Adjusted Gamma UCL		1.168						
200	Note: DL/2 is not a recommended method.											
201												
202												
203	Aroclor-1268											
204					General Statistics							
205				Number of Valid Data		84				Number of Detected Data		70
206				Number of Distinct Detected Data		55				Number of Non-Detect Data		14
207										Percent Non-Detects		16.67%
208												
209	Raw Statistics						Log-transformed Statistics					
210				Minimum Detected		0.014				Minimum Detected		-4.269
211				Maximum Detected		44.7				Maximum Detected		3.8
212				Mean of Detected		4.486				Mean of Detected		0.252

213				SD of Detected	8.527					SD of Detected	1.693	
214				Minimum Non-Detect	0.038					Minimum Non-Detect	-3.27	
215				Maximum Non-Detect	2.67					Maximum Non-Detect	0.982	
216												
217	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	67	
218	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	17	
219	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	79.76%	
220												
221	**UCL Statistics**											
222	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
223				Lilliefors Test Statistic	0.369					Lilliefors Test Statistic	0.246	
224				5% Lilliefors Critical Value	0.106					5% Lilliefors Critical Value	0.106	
225	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
226												
227	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
228				DL/2 Substitution Method						DL/2 Substitution Method		
229				Mean	3.899					Mean	0.0959	
230				SD	7.888					SD	1.73	
231				95% DL/2 (t) UCL	5.331					95% H-Stat (DL/2) UCL	8.584	
232												
233				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
234	**MLE yields a negative mean**									Mean in Log Scale	0.0522	
235										SD in Log Scale	1.661	
236										Mean in Original Scale	3.826	
237										SD in Original Scale	7.916	
238										95% Percentile Bootstrap UCL	5.317	
239										95% BCA Bootstrap UCL	5.736	
240												
241	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
242				k star (bias corrected)	0.495		**Data do not follow a Discernable Distribution (0.05)**					
243				Theta Star	9.057							
244				nu star	69.34							
245												
246				A-D Test Statistic	5.909		**Nonparametric Statistics**					
247				5% A-D Critical Value	0.816					Kaplan-Meier (KM) Method		
248				K-S Test Statistic	0.816					Mean	3.858	
249				5% K-S Critical Value	0.113					SD	7.858	
250	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.864	
251										95% KM (t) UCL	5.295	
252	**Assuming Gamma Distribution**									95% KM (z) UCL	5.279	
253				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	5.293	
254				Minimum	0.014					95% KM (bootstrap t) UCL	5.71	
255				Maximum	44.7					95% KM (BCA) UCL	5.198	
256				Mean	4.202					95% KM (Percentile Bootstrap) UCL	5.336	
257				Median	1.173					95% KM (Chebyshev) UCL	7.624	
258				SD	7.813					97.5% KM (Chebyshev) UCL	9.253	
259				k star	0.564					99% KM (Chebyshev) UCL	12.45	
260				Theta star	7.457							
261				Nu star	94.67		**Potential UCLs to Use**					
262				AppChi2	73.23					97.5% KM (Chebyshev) UCL	9.253	
263				95% Gamma Approximate UCL	5.433							
264				95% Adjusted Gamma UCL	5.457							
265	**Note: DL/2 is not a recommended method.**											

	A	B	C	D	E	F	G	H	I	J	K	L
266												
267												
268	Arsenic											
269						General Statistics						
270					Number of Valid Data	20			Number of Detected Data			3
271					Number of Distinct Detected Data	3			Number of Non-Detect Data			17
272									Percent Non-Detects			85.00%
273												
274					Raw Statistics				Log-transformed Statistics			
275					Minimum Detected	0.23			Minimum Detected			-1.47
276					Maximum Detected	3.3			Maximum Detected			1.194
277					Mean of Detected	1.477			Mean of Detected			-0.127
278					SD of Detected	1.614			SD of Detected			1.332
279					Minimum Non-Detect	1.1			Minimum Non-Detect			0.0953
280					Maximum Non-Detect	2			Maximum Non-Detect			0.693
281												
282	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			19
283	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			1
284	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			95.00%
285												
286					Warning: There are only 3 Distinct Detected Values in this data set							
287					The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.							
288					Those methods will return a 'N/A' value on your output display!							
289												
290					It is necessary to have 4 or more Distinct Values for bootstrap methods.							
291					However, results obtained using 4 to 9 distinct values may not be reliable.							
292					It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.							
293												
294												
295					UCL Statistics							
296					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
297					Shapiro Wilk Test Statistic	0.904			Shapiro Wilk Test Statistic			1
298					5% Shapiro Wilk Critical Value	0.767			5% Shapiro Wilk Critical Value			0.767
299					Data appear Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level			
300												
301					Assuming Normal Distribution				Assuming Lognormal Distribution			
302					DL/2 Substitution Method				DL/2 Substitution Method			
303					Mean	0.934			Mean			-0.174
304					SD	0.579			SD			0.446
305					95% DL/2 (t) UCL	1.158			95% H-Stat (DL/2) UCL			1.074
306												
307					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
308					MLE method failed to converge properly				Mean in Log Scale			-0.743
309									SD in Log Scale			0.822
310									Mean in Original Scale			0.675
311									SD in Original Scale			0.718
312									95% Percentile Bootstrap UCL			0.958
313									95% BCA Bootstrap UCL			1.062
314												
315					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
316					k star (bias corrected)	N/A			Data appear Normal at 5% Significance Level			
317					Theta Star	N/A						
318					nu star	N/A						

319												
320					A-D Test Statistic	N/A				Nonparametric Statistics		
321					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
322					K-S Test Statistic	N/A					Mean	0.702
323					5% K-S Critical Value	N/A					SD	0.68
324					Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.32
325											95% KM (t) UCL	1.256
326					Assuming Gamma Distribution						95% KM (z) UCL	1.229
327					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.494
328					Minimum	N/A					95% KM (bootstrap t) UCL	1.284
329					Maximum	N/A					95% KM (BCA) UCL	3.3
330					Mean	N/A					95% KM (Percentile Bootstrap) UCL	3.3
331					Median	N/A					95% KM (Chebyshev) UCL	2.098
332					SD	N/A					97.5% KM (Chebyshev) UCL	2.702
333					k star	N/A					99% KM (Chebyshev) UCL	3.889
334					Theta star	N/A						
335					Nu star	N/A				Potential UCLs to Use		
336					AppChi2	N/A					95% KM (t) UCL	1.256
337					95% Gamma Approximate UCL	N/A					95% KM (Percentile Bootstrap) UCL	3.3
338					95% Adjusted Gamma UCL	N/A						
339	Note: DL/2 is not a recommended method.											
340												
341												
342	Benzo(a)anthracene											
343						General Statistics						
344					Number of Valid Data	71					Number of Detected Data	44
345					Number of Distinct Detected Data	34					Number of Non-Detect Data	27
346											Percent Non-Detects	38.03%
347												
348					Raw Statistics					Log-transformed Statistics		
349					Minimum Detected	0.0058					Minimum Detected	-5.15
350					Maximum Detected	0.86					Maximum Detected	-0.151
351					Mean of Detected	0.184					Mean of Detected	-1.844
352					SD of Detected	0.116					SD of Detected	0.663
353					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
354					Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
355												
356	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	70
357	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
358	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.59%
359												
360						UCL Statistics						
361					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
362					Shapiro Wilk Test Statistic	0.444					Shapiro Wilk Test Statistic	0.536
363					5% Shapiro Wilk Critical Value	0.944					5% Shapiro Wilk Critical Value	0.944
364					Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level		
365												
366					Assuming Normal Distribution					Assuming Lognormal Distribution		
367					DL/2 Substitution Method						DL/2 Substitution Method	
368					Mean	0.186					Mean	-1.774
369					SD	0.0914					SD	0.529
370					95% DL/2 (t) UCL	0.204					95% H-Stat (DL/2) UCL	0.302
371												

372				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
373				**MLE method failed to converge properly**						Mean in Log Scale		-1.856
374										SD in Log Scale		0.546
375										Mean in Original Scale		0.174
376										SD in Original Scale		0.0958
377										95% Percentile Bootstrap UCL		0.194
378										95% BCA Bootstrap UCL		0.202
379												
380				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
381				k star (bias corrected)		3.268				**Data do not follow a Discernable Distribution (0.05)**		
382				Theta Star		0.0562						
383				nu star		287.6						
384												
385				A-D Test Statistic		8.186				**Nonparametric Statistics**		
386				5% A-D Critical Value		0.754				Kaplan-Meier (KM) Method		
387				K-S Test Statistic		0.754				Mean		0.177
388				5% K-S Critical Value		0.134				SD		0.0951
389				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.0122
390										95% KM (t) UCL		0.197
391				**Assuming Gamma Distribution**						95% KM (z) UCL		0.197
392				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.197
393				Minimum		0.0058				95% KM (bootstrap t) UCL		0.208
394				Maximum		0.86				95% KM (BCA) UCL		0.2
395				Mean		0.185				95% KM (Percentile Bootstrap) UCL		0.197
396				Median		0.175				95% KM (Chebyshev) UCL		0.23
397				SD		0.0915				97.5% KM (Chebyshev) UCL		0.253
398				k star		5.248				99% KM (Chebyshev) UCL		0.298
399				Theta star		0.0352						
400				Nu star		745.3				**Potential UCLs to Use**		
401				AppChi2		682.9				95% KM (BCA) UCL		0.2
402				95% Gamma Approximate UCL		0.202						
403				95% Adjusted Gamma UCL		0.202						
404	**Note: DL/2 is not a recommended method.**											
405												
406												
407	**Benzo(a)pyrene**											
408							**General Statistics**					
409				Number of Valid Data		71				Number of Detected Data		44
410				Number of Distinct Detected Data		34				Number of Non-Detect Data		27
411										Percent Non-Detects		38.03%
412												
413				**Raw Statistics**						**Log-transformed Statistics**		
414				Minimum Detected		0.0069				Minimum Detected		-4.976
415				Maximum Detected		0.96				Maximum Detected		-0.0408
416				Mean of Detected		0.188				Mean of Detected		-1.831
417				SD of Detected		0.131				SD of Detected		0.647
418				Minimum Non-Detect		0.33				Minimum Non-Detect		-1.109
419				Maximum Non-Detect		0.41				Maximum Non-Detect		-0.892
420												
421	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		69
422	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
423	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		97.18%
424												

	A	B	C	D	E	F	G	H	I	J	K	L
425	UCL Statistics											
426	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
427	Shapiro Wilk Test Statistic					0.422	Shapiro Wilk Test Statistic					0.559
428	5% Shapiro Wilk Critical Value					0.944	5% Shapiro Wilk Critical Value					0.944
429	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
430												
431	Assuming Normal Distribution						Assuming Lognormal Distribution					
432	DL/2 Substitution Method						DL/2 Substitution Method					
433	Mean					0.189	Mean					-1.765
434	SD					0.103	SD					0.516
435	95% DL/2 (t) UCL					0.209	95% H-Stat (DL/2) UCL					0.301
436												
437	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
438	MLE method failed to converge properly						Mean in Log Scale					-1.846
439							SD in Log Scale					0.533
440							Mean in Original Scale					0.177
441							SD in Original Scale					0.107
442							95% Percentile Bootstrap UCL					0.2
443							95% BCA Bootstrap UCL					0.21
444												
445	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
446	k star (bias corrected)					3.127	Data do not follow a Discernable Distribution (0.05)					
447	Theta Star					0.06						
448	nu star					275.1						
449												
450	A-D Test Statistic					8.156	Nonparametric Statistics					
451	5% A-D Critical Value					0.755	Kaplan-Meier (KM) Method					
452	K-S Test Statistic					0.755	Mean					0.178
453	5% K-S Critical Value					0.134	SD					0.106
454	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.0133
455							95% KM (t) UCL					0.201
456	Assuming Gamma Distribution						95% KM (z) UCL					0.2
457	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.201
458	Minimum					0.0069	95% KM (bootstrap t) UCL					0.217
459	Maximum					0.96	95% KM (BCA) UCL					0.203
460	Mean					0.188	95% KM (Percentile Bootstrap) UCL					0.202
461	Median					0.177	95% KM (Chebyshev) UCL					0.236
462	SD					0.103	97.5% KM (Chebyshev) UCL					0.261
463	k star					5.032	99% KM (Chebyshev) UCL					0.311
464	Theta star					0.0374						
465	Nu star					714.6	Potential UCLs to Use					
466	AppChi2					653.6	95% KM (BCA) UCL					0.203
467	95% Gamma Approximate UCL					0.206						
468	95% Adjusted Gamma UCL					0.206						
469	Note: DL/2 is not a recommended method.											
470												
471												
472	Benzo(b)fluoranthene											
473	General Statistics											
474	Number of Valid Data					52	Number of Detected Data					38
475	Number of Distinct Detected Data					28	Number of Non-Detect Data					14
476							Percent Non-Detects					26.92%
477												

	A	B	C	D	E	F	G	H	I	J	K	L
478	**Raw Statistics**						**Log-transformed Statistics**					
479					Minimum Detected	0.012					Minimum Detected	-4.423
480					Maximum Detected	0.37					Maximum Detected	-0.994
481					Mean of Detected	0.17					Mean of Detected	-1.845
482					SD of Detected	0.0471					SD of Detected	0.498
483					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
484					Maximum Non-Detect	0.4					Maximum Non-Detect	-0.916
485												
486	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	52
487	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
488	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
489												
490	**UCL Statistics**											
491	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
492					Shapiro Wilk Test Statistic	0.524					Shapiro Wilk Test Statistic	0.395
493					5% Shapiro Wilk Critical Value	0.938					5% Shapiro Wilk Critical Value	0.938
494	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
495												
496	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
497					DL/2 Substitution Method						DL/2 Substitution Method	
498					Mean	0.173					Mean	-1.806
499					SD	0.041					SD	0.431
500					95% DL/2 (t) UCL	0.183					95% H-Stat (DL/2) UCL	0.254
501												
502					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
503	**MLE method failed to converge properly**										Mean in Log Scale	-1.848
504											SD in Log Scale	0.429
505											Mean in Original Scale	0.166
506											SD in Original Scale	0.0415
507											95% Percentile Bootstrap UCL	0.176
508											95% BCA Bootstrap UCL	0.177
509												
510	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
511					k star (bias corrected)	6.59	**Data do not follow a Discernable Distribution (0.05)**					
512					Theta Star	0.0258						
513					nu star	500.9						
514												
515					A-D Test Statistic	9.251	**Nonparametric Statistics**					
516					5% A-D Critical Value	0.75					Kaplan-Meier (KM) Method	
517					K-S Test Statistic	0.75					Mean	0.169
518					5% K-S Critical Value	0.143					SD	0.0443
519	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.00697
520											95% KM (t) UCL	0.18
521	**Assuming Gamma Distribution**										95% KM (z) UCL	0.18
522					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.18
523					Minimum	0.012					95% KM (bootstrap t) UCL	0.179
524					Maximum	0.37					95% KM (BCA) UCL	0.18
525					Mean	0.171					95% KM (Percentile Bootstrap) UCL	0.18
526					Median	0.171					95% KM (Chebyshev) UCL	0.199
527					SD	0.0405					97.5% KM (Chebyshev) UCL	0.212
528					k star	9.063					99% KM (Chebyshev) UCL	0.238
529					Theta star	0.0189						
530					Nu star	942.6	**Potential UCLs to Use**					

531					AppChi2	872.3					95% KM (BCA) UCL	0.18
532					95% Gamma Approximate UCL	0.185						
533					95% Adjusted Gamma UCL	0.185						
534	Note: DL/2 is not a recommended method.											
535												
536												
537	Benzo(b/k)fluoranthene											
538					General Statistics							
539					Number of Valid Data	18					Number of Detected Data	6
540					Number of Distinct Detected Data	6					Number of Non-Detect Data	12
541											Percent Non-Detects	66.67%
542												
543					Raw Statistics						Log-transformed Statistics	
544					Minimum Detected	0.055					Minimum Detected	-2.9
545					Maximum Detected	0.72					Maximum Detected	-0.329
546					Mean of Detected	0.281					Mean of Detected	-1.638
547					SD of Detected	0.244					SD of Detected	1.009
548					Minimum Non-Detect	0.38					Minimum Non-Detect	-0.968
549					Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
550												
551	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	17
552	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
553	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	94.44%
554												
555	Warning: There are only 6 Detected Values in this data											
556	Note: It should be noted that even though bootstrap may be performed on this data set											
557	the resulting calculations may not be reliable enough to draw conclusions											
558												
559	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
560												
561												
562					UCL Statistics							
563					Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
564					Shapiro Wilk Test Statistic	0.873					Shapiro Wilk Test Statistic	0.907
565					5% Shapiro Wilk Critical Value	0.788					5% Shapiro Wilk Critical Value	0.788
566					Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level	
567												
568					Assuming Normal Distribution						Assuming Lognormal Distribution	
569					DL/2 Substitution Method						DL/2 Substitution Method	
570					Mean	0.227					Mean	-1.622
571					SD	0.138					SD	0.547
572					95% DL/2 (t) UCL	0.283					95% H-Stat (DL/2) UCL	0.353
573												
574					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
575					MLE method failed to converge properly						Mean in Log Scale	-1.844
576											SD in Log Scale	0.744
577											Mean in Original Scale	0.205
578											SD in Original Scale	0.164
579											95% Percentile Bootstrap UCL	0.272
580											95% BCA Bootstrap UCL	0.288
581												
582					Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only	
583					k star (bias corrected)	0.86					Data appear Normal at 5% Significance Level	

584					Theta Star	0.327						
585					nu star	10.32						
586												
587					A-D Test Statistic	0.321				Nonparametric Statistics		
588					5% A-D Critical Value	0.708				Kaplan-Meier (KM) Method		
589					K-S Test Statistic	0.708				Mean		0.223
590					5% K-S Critical Value	0.337				SD		0.165
591				Data appear Gamma Distributed at 5% Significance Level						SE of Mean		0.0619
592										95% KM (t) UCL		0.33
593				Assuming Gamma Distribution						95% KM (z) UCL		0.324
594				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.337
595					Minimum	0.055				95% KM (bootstrap t) UCL		0.331
596					Maximum	0.72				95% KM (BCA) UCL		0.323
597					Mean	0.281				95% KM (Percentile Bootstrap) UCL		0.329
598					Median	0.277				95% KM (Chebyshev) UCL		0.492
599					SD	0.158				97.5% KM (Chebyshev) UCL		0.609
600					k star	2.582				99% KM (Chebyshev) UCL		0.838
601					Theta star	0.109						
602					Nu star	92.96				Potential UCLs to Use		
603					AppChi2	71.72				95% KM (t) UCL		0.33
604					95% Gamma Approximate UCL	0.365				95% KM (Percentile Bootstrap) UCL		0.329
605					95% Adjusted Gamma UCL	0.374						
606	Note: DL/2 is not a recommended method.											
607												
608												
609	Carbazole											
610						General Statistics						
611					Number of Valid Data	19				Number of Detected Data		1
612					Number of Distinct Detected Data	1				Number of Non-Detect Data		18
613										Percent Non-Detects		94.74%
614												
615	Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!											
616	It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).											
617												
618	The data set for variable Carbazole was not processed!											
619												
620												
621	Chromium											
622						General Statistics						
623					Number of Valid Observations	20				Number of Distinct Observations		18
624												
625				Raw Statistics						Log-transformed Statistics		
626					Minimum	1.3				Minimum of Log Data		0.262
627					Maximum	12.7				Maximum of Log Data		2.542
628					Mean	4.476				Mean of log Data		1.378
629					Median	3.9				SD of log Data		0.493
630					SD	2.522						
631					Coefficient of Variation	0.564						
632					Skewness	2.041						
633												
634						Relevant UCL Statistics						
635				Normal Distribution Test						Lognormal Distribution Test		
636					Shapiro Wilk Test Statistic	0.806				Shapiro Wilk Test Statistic		0.965

637				Shapiro Wilk Critical Value	0.905					Shapiro Wilk Critical Value	0.905	
638				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
639												
640				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
641				95% Student's-t UCL	5.451					95% H-UCL	5.622	
642				**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL	6.661	
643				95% Adjusted-CLT UCL	5.678					97.5% Chebyshev (MVUE) UCL	7.619	
644				95% Modified-t UCL	5.494					99% Chebyshev (MVUE) UCL	9.499	
645												
646				**Gamma Distribution Test**						**Data Distribution**		
647				k star (bias corrected)	3.695					**Data appear Gamma Distributed at 5% Significance Level**		
648				Theta Star	1.211							
649				MLE of Mean	4.476							
650				MLE of Standard Deviation	2.328							
651				nu star	147.8							
652				Approximate Chi Square Value (.05)	120.7					**Nonparametric Statistics**		
653				Adjusted Level of Significance	0.038					95% CLT UCL	5.403	
654				Adjusted Chi Square Value	118.8					95% Jackknife UCL	5.451	
655										95% Standard Bootstrap UCL	5.379	
656				Anderson-Darling Test Statistic	0.552					95% Bootstrap-t UCL	6.081	
657				Anderson-Darling 5% Critical Value	0.745					95% Hall's Bootstrap UCL	9.162	
658				Kolmogorov-Smirnov Test Statistic	0.168					95% Percentile Bootstrap UCL	5.425	
659				Kolmogorov-Smirnov 5% Critical Value	0.195					95% BCA Bootstrap UCL	5.696	
660				**Data appear Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	6.934	
661										97.5% Chebyshev(Mean, Sd) UCL	7.997	
662				**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	10.09	
663				95% Approximate Gamma UCL	5.48							
664				95% Adjusted Gamma UCL	5.569							
665												
666				**Potential UCL to Use**						Use 95% Approximate Gamma UCL	5.48	
667												
668												
669	**Dibenzo(a,h)anthracene**											
670						**General Statistics**							
671				Number of Valid Data	71					Number of Detected Data	42	
672				Number of Distinct Detected Data	32					Number of Non-Detect Data	29	
673										Percent Non-Detects	40.85%	
674												
675				**Raw Statistics**						**Log-transformed Statistics**		
676				Minimum Detected	0.0017					Minimum Detected	-6.377	
677				Maximum Detected	0.26					Maximum Detected	-1.347	
678				Mean of Detected	0.159					Mean of Detected	-1.992	
679				SD of Detected	0.0459					SD of Detected	0.858	
680				Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109	
681				Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892	
682												
683	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	71	
684	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
685	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
686												
687						**UCL Statistics**							
688				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
689				Shapiro Wilk Test Statistic	0.623					Shapiro Wilk Test Statistic	0.395	

690				5% Shapiro Wilk Critical Value	0.942					5% Shapiro Wilk Critical Value	0.942
691	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
692												
693	Assuming Normal Distribution						Assuming Lognormal Distribution					
694				DL/2 Substitution Method						DL/2 Substitution Method		
695				Mean	0.172					Mean	-1.856	
696				SD	0.0392					SD	0.678	
697				95% DL/2 (t) UCL	0.18					95% H-Stat (DL/2) UCL	0.326	
698												
699				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
700	MLE method failed to converge properly									Mean in Log Scale	-1.992	
701										SD in Log Scale	0.688	
702										Mean in Original Scale	0.153	
703										SD in Original Scale	0.0471	
704										95% Percentile Bootstrap UCL	0.162	
705										95% BCA Bootstrap UCL	0.162	
706												
707	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
708				k star (bias corrected)	3.178		Data do not follow a Discernable Distribution (0.05)					
709				Theta Star	0.05							
710				nu star	267							
711												
712				A-D Test Statistic	9.754		Nonparametric Statistics					
713				5% A-D Critical Value	0.754					Kaplan-Meier (KM) Method		
714				K-S Test Statistic	0.754					Mean	0.159	
715				5% K-S Critical Value	0.137					SD	0.0453	
716	Data not Gamma Distributed at 5% Significance Level									SE of Mean	0.00708	
717										95% KM (t) UCL	0.171	
718	Assuming Gamma Distribution									95% KM (z) UCL	0.171	
719				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.171	
720				Minimum	0.0017					95% KM (bootstrap t) UCL	0.169	
721				Maximum	0.26					95% KM (BCA) UCL	0.17	
722				Mean	0.161					95% KM (Percentile Bootstrap) UCL	0.17	
723				Median	0.169					95% KM (Chebyshev) UCL	0.19	
724				SD	0.0386					97.5% KM (Chebyshev) UCL	0.203	
725				k star	5.136					99% KM (Chebyshev) UCL	0.229	
726				Theta star	0.0313							
727				Nu star	729.3		Potential UCLs to Use					
728				AppChi2	667.6					95% KM (t) UCL	0.171	
729				95% Gamma Approximate UCL	0.176					95% KM (% Bootstrap) UCL	0.17	
730				95% Adjusted Gamma UCL	0.176							
731	Note: DL/2 is not a recommended method.											
732												
733												
734	Indeno(1,2,3-cd)pyrene											
735							General Statistics					
736				Number of Valid Data	71					Number of Detected Data	43	
737				Number of Distinct Detected Data	33					Number of Non-Detect Data	28	
738										Percent Non-Detects	39.44%	
739												
740	Raw Statistics						Log-transformed Statistics					
741				Minimum Detected	0.0072					Minimum Detected	-4.934	
742				Maximum Detected	0.54					Maximum Detected	-0.616	

743				Mean of Detected	0.175					Mean of Detected	-1.85	
744				SD of Detected	0.0696					SD of Detected	0.61	
745				Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109	
746				Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892	
747												
748	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	70	
749	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1	
750	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	98.59%	
751												
752	**UCL Statistics**											
753	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
754				Shapiro Wilk Test Statistic	0.545					Shapiro Wilk Test Statistic	0.469	
755				5% Shapiro Wilk Critical Value	0.943					5% Shapiro Wilk Critical Value	0.943	
756	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
757												
758	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
759				DL/2 Substitution Method						DL/2 Substitution Method		
760				Mean	0.181					Mean	-1.775	
761				SD	0.055					SD	0.484	
762				95% DL/2 (t) UCL	0.192					95% H-Stat (DL/2) UCL	0.293	
763												
764				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
765	**MLE method failed to converge properly**									Mean in Log Scale	-1.858	
766										SD in Log Scale	0.495	
767										Mean in Original Scale	0.169	
768										SD in Original Scale	0.0594	
769										95% Percentile Bootstrap UCL	0.181	
770										95% BCA Bootstrap UCL	0.184	
771												
772	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
773				k star (bias corrected)	4.458		**Data do not follow a Discernable Distribution (0.05)**					
774				Theta Star	0.0393							
775				nu star	383.4							
776												
777				A-D Test Statistic	8.693		**Nonparametric Statistics**					
778				5% A-D Critical Value	0.753					Kaplan-Meier (KM) Method		
779				K-S Test Statistic	0.753					Mean	0.172	
780				5% K-S Critical Value	0.135					SD	0.0593	
781	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.00812	
782										95% KM (t) UCL	0.185	
783	**Assuming Gamma Distribution**									95% KM (z) UCL	0.185	
784				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.185	
785				Minimum	0.0072					95% KM (bootstrap t) UCL	0.186	
786				Maximum	0.54					95% KM (BCA) UCL	0.185	
787				Mean	0.177					95% KM (Percentile Bootstrap) UCL	0.186	
788				Median	0.173					95% KM (Chebyshev) UCL	0.207	
789				SD	0.0557					97.5% KM (Chebyshev) UCL	0.222	
790				k star	7.119					99% KM (Chebyshev) UCL	0.253	
791				Theta star	0.0248							
792				Nu star	1011		**Potential UCLs to Use**					
793				AppChi2	938.1					95% KM (BCA) UCL	0.185	
794				95% Gamma Approximate UCL	0.19							
795				95% Adjusted Gamma UCL	0.191							

	A	B	C	D	E	F	G	H	I	J	K	L
796	Note: DL/2 is not a recommended method.											
797												
798												
799	Iron											
800						General Statistics						
801					Number of Valid Observations	20				Number of Distinct Observations	18	
802												
803					Raw Statistics					Log-transformed Statistics		
804					Minimum	217				Minimum of Log Data	5.38	
805					Maximum	14400				Maximum of Log Data	9.575	
806					Mean	2318				Mean of log Data	7.281	
807					Median	1300				SD of log Data	0.928	
808					SD	3102						
809					Coefficient of Variation	1.338						
810					Skewness	3.416						
811												
812					Relevant UCL Statistics							
813					Normal Distribution Test					Lognormal Distribution Test		
814					Shapiro Wilk Test Statistic	0.575				Shapiro Wilk Test Statistic	0.966	
815					Shapiro Wilk Critical Value	0.905				Shapiro Wilk Critical Value	0.905	
816					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
817												
818					Assuming Normal Distribution					Assuming Lognormal Distribution		
819					95% Student's-t UCL	3518				95% H-UCL	3830	
820					95% UCLs (Adjusted for Skewness)					95% Chebyshev (MVUE) UCL	4342	
821					95% Adjusted-CLT UCL	4025				97.5% Chebyshev (MVUE) UCL	5282	
822					95% Modified-t UCL	3606				99% Chebyshev (MVUE) UCL	7128	
823												
824					Gamma Distribution Test					Data Distribution		
825					k star (bias corrected)	1.061				Data Follow Appr. Gamma Distribution at 5% Significance Level		
826					Theta Star	2186						
827					MLE of Mean	2318						
828					MLE of Standard Deviation	2251						
829					nu star	42.43						
830					Approximate Chi Square Value (.05)	28.49				Nonparametric Statistics		
831					Adjusted Level of Significance	0.038				95% CLT UCL	3459	
832					Adjusted Chi Square Value	27.59				95% Jackknife UCL	3518	
833										95% Standard Bootstrap UCL	3409	
834					Anderson-Darling Test Statistic	0.842				95% Bootstrap-t UCL	5286	
835					Anderson-Darling 5% Critical Value	0.764				95% Hall's Bootstrap UCL	7794	
836					Kolmogorov-Smirnov Test Statistic	0.182				95% Percentile Bootstrap UCL	3523	
837					Kolmogorov-Smirnov 5% Critical Value	0.199				95% BCA Bootstrap UCL	4222	
838					Data follow Appr. Gamma Distribution at 5% Significance Level					95% Chebyshev(Mean, Sd) UCL	5341	
839										97.5% Chebyshev(Mean, Sd) UCL	6649	
840					Assuming Gamma Distribution					99% Chebyshev(Mean, Sd) UCL	9219	
841					95% Approximate Gamma UCL	3452						
842					95% Adjusted Gamma UCL	3565						
843												
844					Potential UCL to Use					Use 95% Approximate Gamma UCL	3452	
845												
846												
847	Mercury											
848						General Statistics						

849				Number of Valid Data	85					Number of Detected Data		66
850				Number of Distinct Detected Data	58					Number of Non-Detect Data		19
851										Percent Non-Detects		22.35%
852												
853				**Raw Statistics**						**Log-transformed Statistics**		
854				Minimum Detected	0.105					Minimum Detected		-2.254
855				Maximum Detected	17.5					Maximum Detected		2.862
856				Mean of Detected	1.892					Mean of Detected		-0.418
857				SD of Detected	3.569					SD of Detected		1.285
858				Minimum Non-Detect	0.12					Minimum Non-Detect		-2.12
859				Maximum Non-Detect	0.67					Maximum Non-Detect		-0.4
860												
861	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		62
862	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		23
863	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		72.94%
864												
865					**UCL Statistics**							
866				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
867				Lilliefors Test Statistic	0.336					Lilliefors Test Statistic		0.323
868				5% Lilliefors Critical Value	0.109					5% Lilliefors Critical Value		0.109
869				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
870												
871				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
872				DL/2 Substitution Method						DL/2 Substitution Method		
873				Mean	1.514					Mean		-0.746
874				SD	3.219					SD		1.341
875				95% DL/2 (t) UCL	2.095					95% H-Stat (DL/2) UCL		1.759
876												
877				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
878				**MLE yields a negative mean**						Mean in Log Scale		-0.774
879										SD in Log Scale		1.384
880										Mean in Original Scale		1.512
881										SD in Original Scale		3.22
882										95% Percentile Bootstrap UCL		2.132
883										95% BCA Bootstrap UCL		2.21
884												
885				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
886				k star (bias corrected)	0.57					**Data do not follow a Discernable Distribution (0.05)**		
887				Theta Star	3.318							
888				nu star	75.29							
889												
890				A-D Test Statistic	8.967					**Nonparametric Statistics**		
891				5% A-D Critical Value	0.808					Kaplan-Meier (KM) Method		
892				K-S Test Statistic	0.808					Mean		1.513
893				5% K-S Critical Value	0.115					SD		3.2
894				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.35
895										95% KM (t) UCL		2.095
896				**Assuming Gamma Distribution**						95% KM (z) UCL		2.089
897				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		2.078
898				Minimum	1E-09					95% KM (bootstrap t) UCL		2.356
899				Maximum	17.5					95% KM (BCA) UCL		2.125
900				Mean	1.644					95% KM (Percentile Bootstrap) UCL		2.122
901				Median	0.3					95% KM (Chebyshev) UCL		3.038

902				SD	3.201					97.5% KM (Chebyshev) UCL		3.698
903				k star	0.255					99% KM (Chebyshev) UCL		4.994
904				Theta star	6.459							
905				Nu star	43.28					**Potential UCLs to Use**		
906				AppChi2	29.2					95% KM (Chebyshev) UCL		3.038
907				95% Gamma Approximate UCL	2.438							
908				95% Adjusted Gamma UCL	2.455							
909	**Note: DL/2 is not a recommended method.**											
910												
911												
912												
913												
914												
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	A	B	C	D	E	F	G	H	I	J	K	L
1061												
1062												
1063												
1064												
1065	Aroclor-1260											
1066												
1067						General Statistics						
1068					Number of Valid Data	100			Number of Detected Data			42
1069					Number of Distinct Detected Data	22			Number of Non-Detect Data			58
1070									Percent Non-Detects			58.00%
1071												
1072					Raw Statistics				Log-transformed Statistics			
1073					Minimum Detected	1.065			Minimum Detected			0.063
1074					Maximum Detected	1.4			Maximum Detected			0.336
1075					Mean of Detected	1.159			Mean of Detected			0.146
1076					SD of Detected	0.0604			SD of Detected			0.0504
1077					Minimum Non-Detect	0.0017			Minimum Non-Detect			-6.377
1078					Maximum Non-Detect	2.67			Maximum Non-Detect			0.982
1079												
1080	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			100
1081	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			0
1082	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			100.00%
1083												
1084						UCL Statistics						
1085					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
1086					Shapiro Wilk Test Statistic	0.844			Shapiro Wilk Test Statistic			0.866
1087					5% Shapiro Wilk Critical Value	0.942			5% Shapiro Wilk Critical Value			0.942
1088					Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level			
1089												
1090					Assuming Normal Distribution				Assuming Lognormal Distribution			
1091					DL/2 Substitution Method				DL/2 Substitution Method			
1092					Mean	0.652			Mean			-2.067
1093					SD	0.579			SD			2.634
1094					95% DL/2 (t) UCL	0.748			95% H-Stat (DL/2) UCL			13.39
1095												
1096					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
1097					MLE method failed to converge properly				Mean in Log Scale			0.0774
1098									SD in Log Scale			0.0745
1099									Mean in Original Scale			1.084
1100									SD in Original Scale			0.0821
1101									95% Percentile Bootstrap UCL			1.097
1102									95% BCA Bootstrap UCL			1.098
1103												
1104					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
1105					k star (bias corrected)	366.4			Data do not follow a Discernable Distribution (0.05)			
1106					Theta Star	0.00316						
1107					nu star	30781						
1108												
1109					A-D Test Statistic	1.073			Nonparametric Statistics			
1110					5% A-D Critical Value	0.747			Kaplan-Meier (KM) Method			
1111					K-S Test Statistic	0.747			Mean			1.11
1112					5% K-S Critical Value	0.136			SD			0.0626
1113					Data not Gamma Distributed at 5% Significance Level				SE of Mean			0.00679

	A	B	C	D	E	F	G	H	I	J	K	L
1114											95% KM (t) UCL	1.122
1115	**Assuming Gamma Distribution**										95% KM (z) UCL	1.121
1116	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	1.122
1117					Minimum	1.065					95% KM (bootstrap t) UCL	1.123
1118					Maximum	1.4					95% KM (BCA) UCL	1.135
1119					Mean	1.161					95% KM (Percentile Bootstrap) UCL	1.132
1120					Median	1.162					95% KM (Chebyshev) UCL	1.14
1121					SD	0.0402					97.5% KM (Chebyshev) UCL	1.153
1122					k star	848.1					99% KM (Chebyshev) UCL	1.178
1123					Theta star	0.00137						
1124					Nu star	169619			**Potential UCLs to Use**			
1125					AppChi2	168662					95% KM (t) UCL	1.122
1126				95% Gamma Approximate UCL		1.168					95% KM (% Bootstrap) UCL	1.132
1127				95% Adjusted Gamma UCL		1.168						
1128	**Note: DL/2 is not a recommended method.**											

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		From File		C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Excavation_Files\ProUCL_In								
4		Full Precision		OFF								
5		Confidence Coefficient		95%								
6		Number of Bootstrap Operations		2000								
7												
8												
9	1,1,2,2-Tetrachloroethane											
10					General Statistics							
11				Number of Valid Data	342			Number of Detected Data	63			
12				Number of Distinct Detected Data	19			Number of Non-Detect Data	279			
13								Percent Non-Detects	81.58%			
14												
15				Raw Statistics				Log-transformed Statistics				
16				Minimum Detected	0.026			Minimum Detected	-3.65			
17				Maximum Detected	0.92			Maximum Detected	-0.0834			
18				Mean of Detected	0.0753			Mean of Detected	-3.143			
19				SD of Detected	0.148			SD of Detected	0.776			
20				Minimum Non-Detect	0.00009			Minimum Non-Detect	-9.316			
21				Maximum Non-Detect	12			Maximum Non-Detect	2.485			
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended							Number treated as Non-Detect	342			
24	For all methods (except KM, DL/2, and ROS Methods),							Number treated as Detected	0			
25	Observations < Largest ND are treated as NDs							Single DL Non-Detect Percentage	100.00%			
26												
27					UCL Statistics							
28				Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only				
29				Lilliefors Test Statistic	0.438			Lilliefors Test Statistic	0.393			
30				5% Lilliefors Critical Value	0.112			5% Lilliefors Critical Value	0.112			
31				Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level				
32												
33				Assuming Normal Distribution				Assuming Lognormal Distribution				
34				DL/2 Substitution Method				DL/2 Substitution Method				
35				Mean	0.152			Mean	-3.447			
36				SD	0.526			SD	1.728			
37				95% DL/2 (t) UCL	0.199			95% H-Stat (DL/2) UCL	0.276			
38												
39				Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method				
40				MLE method failed to converge properly				Mean in Log Scale	-4.021			
41								SD in Log Scale	0.85			
42								Mean in Original Scale	0.0296			
43								SD in Original Scale	0.0684			
44								95% Percentile Bootstrap UCL	0.0361			
45								95% BCA Bootstrap UCL	0.0395			
46												
47				Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only				
48				k star (bias corrected)	0.994			Data do not follow a Discernable Distribution (0.05)				
49				Theta Star	0.0758							
50				nu star	125.2							
51												
52				A-D Test Statistic	13.82			Nonparametric Statistics				
53				5% A-D Critical Value	0.779			Kaplan-Meier (KM) Method				

54				K-S Test Statistic	0.779					Mean	0.0381	
55				5% K-S Critical Value	0.115					SD	0.0691	
56				Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.00398	
57										95% KM (t) UCL	0.0447	
58				Assuming Gamma Distribution						95% KM (z) UCL	0.0447	
59				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0442	
60				Minimum	1E-09					95% KM (bootstrap t) UCL	0.0506	
61				Maximum	0.92					95% KM (BCA) UCL	0.0462	
62				Mean	0.152					95% KM (Percentile Bootstrap) UCL	0.0456	
63				Median	0.116					95% KM (Chebyshev) UCL	0.0555	
64				SD	0.135					97.5% KM (Chebyshev) UCL	0.063	
65				k star	0.352					99% KM (Chebyshev) UCL	0.0777	
66				Theta star	0.43							
67				Nu star	241					Potential UCLs to Use		
68				AppChi2	206.1					95% KM (t) UCL	0.0447	
69				95% Gamma Approximate UCL	0.177					95% KM (% Bootstrap) UCL	0.0456	
70				95% Adjusted Gamma UCL	0.177							
71	Note: DL/2 is not a recommended method.											
72												
73												
74	1,2,4-Trimethylbenzene											
75					General Statistics							
76				Number of Valid Data	279					Number of Detected Data	140	
77				Number of Distinct Detected Data	82					Number of Non-Detect Data	139	
78										Percent Non-Detects	49.82%	
79												
80				Raw Statistics						Log-transformed Statistics		
81				Minimum Detected	0.00026					Minimum Detected	-8.255	
82				Maximum Detected	120					Maximum Detected	4.787	
83				Mean of Detected	5.667					Mean of Detected	-0.854	
84				SD of Detected	15.26					SD of Detected	2.592	
85				Minimum Non-Detect	0.00009					Minimum Non-Detect	-9.316	
86				Maximum Non-Detect	0.66					Maximum Non-Detect	-0.416	
87												
88	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	221	
89	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	58	
90	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	79.21%	
91												
92					UCL Statistics							
93				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
94				Lilliefors Test Statistic	0.355					Lilliefors Test Statistic	0.172	
95				5% Lilliefors Critical Value	0.0749					5% Lilliefors Critical Value	0.0749	
96				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
97												
98				Assuming Normal Distribution						Assuming Lognormal Distribution		
99				DL/2 Substitution Method						DL/2 Substitution Method		
100				Mean	2.861					Mean	-2.301	
101				SD	11.15					SD	2.55	
102				95% DL/2 (t) UCL	3.963					95% H-Stat (DL/2) UCL	4.819	
103												
104				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
105				MLE yields a negative mean						Mean in Log Scale	-2.487	
106										SD in Log Scale	2.801	

107											Mean in Original Scale	2.869
108											SD in Original Scale	11.15
109											95% Percentile Bootstrap UCL	4.077
110											95% BCA Bootstrap UCL	4.376
111												
112	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
113					k star (bias corrected)	0.27	Data do not follow a Discernable Distribution (0.05)					
114					Theta Star	21						
115					nu star	75.56						
116												
117					A-D Test Statistic	8.014	Nonparametric Statistics					
118					5% A-D Critical Value	0.881					Kaplan-Meier (KM) Method	
119					K-S Test Statistic	0.881					Mean	2.857
120					5% K-S Critical Value	0.0864					SD	11.13
121	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.669
122											95% KM (t) UCL	3.961
123	Assuming Gamma Distribution										95% KM (z) UCL	3.957
124					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.957
125					Minimum	0.00026					95% KM (bootstrap t) UCL	4.518
126					Maximum	120					95% KM (BCA) UCL	4.308
127					Mean	5.882					95% KM (Percentile Bootstrap) UCL	4.041
128					Median	4.446					95% KM (Chebyshev) UCL	5.773
129					SD	10.91					97.5% KM (Chebyshev) UCL	7.034
130					k star	0.479					99% KM (Chebyshev) UCL	9.512
131					Theta star	12.29						
132					Nu star	267.1	Potential UCLs to Use					
133					AppChi2	230.3					97.5% KM (Chebyshev) UCL	7.034
134					95% Gamma Approximate UCL	6.823						
135					95% Adjusted Gamma UCL	6.828						
136	Note: DL/2 is not a recommended method.											
137												
138												
139	1,4-Dichlorobenzene											
140							General Statistics					
141					Number of Valid Data	340					Number of Detected Data	58
142					Number of Distinct Detected Data	14					Number of Non-Detect Data	282
143											Percent Non-Detects	82.94%
144												
145	Raw Statistics						Log-transformed Statistics					
146					Minimum Detected	0.026					Minimum Detected	-3.65
147					Maximum Detected	18.2					Maximum Detected	2.901
148					Mean of Detected	0.373					Mean of Detected	-3.189
149					SD of Detected	2.386					SD of Detected	1.017
150					Minimum Non-Detect	0.00011					Minimum Non-Detect	-9.115
151					Maximum Non-Detect	12					Maximum Non-Detect	2.485
152												
153	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	339
154	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
155	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.71%
156												
157	UCL Statistics											
158	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
159					Lilliefors Test Statistic	0.496					Lilliefors Test Statistic	0.435

160				5% Lilliefors Critical Value	0.116					5% Lilliefors Critical Value	0.116
161	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
162												
163	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
164				DL/2 Substitution Method						DL/2 Substitution Method		
165				Mean	0.234					Mean	-3.009	
166				SD	1.134					SD	1.659	
167				95% DL/2 (t) UCL	0.335					95% H-Stat (DL/2) UCL	0.381	
168												
169				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
170	**MLE method failed to converge properly**									Mean in Log Scale	-3.62	
171										SD in Log Scale	0.768	
172										Mean in Original Scale	0.089	
173										SD in Original Scale	0.987	
174										95% Percentile Bootstrap UCL	0.195	
175										95% BCA Bootstrap UCL	0.297	
176												
177	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
178				k star (bias corrected)	0.307		**Data do not follow a Discernable Distribution (0.05)**					
179				Theta Star	1.215							
180				nu star	35.58							
181												
182				A-D Test Statistic	19.93		**Nonparametric Statistics**					
183				5% A-D Critical Value	0.86					Kaplan-Meier (KM) Method		
184				K-S Test Statistic	0.86					Mean	0.0896	
185				5% K-S Critical Value	0.127					SD	0.985	
186	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.0539	
187										95% KM (t) UCL	0.178	
188	**Assuming Gamma Distribution**									95% KM (z) UCL	0.178	
189				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.178	
190				Minimum	1E-09					95% KM (bootstrap t) UCL	1.636	
191				Maximum	18.2					95% KM (BCA) UCL	0.198	
192				Mean	0.879					95% KM (Percentile Bootstrap) UCL	0.196	
193				Median	0.039					95% KM (Chebyshev) UCL	0.325	
194				SD	1.656					97.5% KM (Chebyshev) UCL	0.426	
195				k star	0.107					99% KM (Chebyshev) UCL	0.626	
196				Theta star	8.245							
197				Nu star	72.51		**Potential UCLs to Use**					
198				AppChi2	53.91					95% KM (BCA) UCL	0.198	
199				95% Gamma Approximate UCL	1.183							
200				95% Adjusted Gamma UCL	1.184							
201	**Note: DL/2 is not a recommended method.**											
202												
203												
204	**1-Methyl Naphthalene**											
205					**General Statistics**							
206				Number of Valid Data	233					Number of Detected Data	70	
207				Number of Distinct Detected Data	68					Number of Non-Detect Data	163	
208										Percent Non-Detects	69.96%	
209												
210	**Raw Statistics**						**Log-transformed Statistics**					
211				Minimum Detected	0.39					Minimum Detected	-0.942	
212				Maximum Detected	64.4					Maximum Detected	4.165	

	A	B	C	D	E	F	G	H	I	J	K	L
213					Mean of Detected	8.224					Mean of Detected	1.294
214					SD of Detected	11.52					SD of Detected	1.332
215					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
216					Maximum Non-Detect	3.26					Maximum Non-Detect	1.182
217												
218	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	196
219	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	37
220	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	84.12%
221												
222	**UCL Statistics**											
223	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
224					Lilliefors Test Statistic	0.248					Lilliefors Test Statistic	0.0788
225					5% Lilliefors Critical Value	0.106					5% Lilliefors Critical Value	0.106
226	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
227												
228	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
229					DL/2 Substitution Method						DL/2 Substitution Method	
230					Mean	2.607					Mean	-0.794
231					SD	7.285					SD	1.564
232					95% DL/2 (t) UCL	3.395					95% H-Stat (DL/2) UCL	1.366
233												
234					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
235	**MLE yields a negative mean**										Mean in Log Scale	-1.653
236											SD in Log Scale	2.441
237											Mean in Original Scale	2.56
238											SD in Original Scale	7.301
239											95% Percentile Bootstrap UCL	3.436
240											95% BCA Bootstrap UCL	3.501
241												
242	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
243					k star (bias corrected)	0.716	**Data Follow Appr. Gamma Distribution at 5% Significance Level**					
244					Theta Star	11.48						
245					nu star	100.3						
246												
247					A-D Test Statistic	1.364	**Nonparametric Statistics**					
248					5% A-D Critical Value	0.794					Kaplan-Meier (KM) Method	
249					K-S Test Statistic	0.794					Mean	2.744
250					5% K-S Critical Value	0.111					SD	7.224
251	**Data follow Appr. Gamma Distribution at 5% Significance Level**										SE of Mean	0.477
252											95% KM (t) UCL	3.532
253	**Assuming Gamma Distribution**										95% KM (z) UCL	3.528
254	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	3.521
255					Minimum	0.39					95% KM (bootstrap t) UCL	3.736
256					Maximum	64.4					95% KM (BCA) UCL	3.592
257					Mean	8.321					95% KM (Percentile Bootstrap) UCL	3.601
258					Median	8.005					95% KM (Chebyshev) UCL	4.822
259					SD	6.336					97.5% KM (Chebyshev) UCL	5.721
260					k star	2.135					99% KM (Chebyshev) UCL	7.487
261					Theta star	3.897						
262					Nu star	995.1	**Potential UCLs to Use**					
263					AppChi2	922.9					95% KM (t) UCL	3.532
264					95% Gamma Approximate UCL	8.972						
265					95% Adjusted Gamma UCL	8.977						

266	Note: DL/2 is not a recommended method.											
267												
268												
269	2-Methylnaphthalene											
270						General Statistics						
271					Number of Valid Data	307				Number of Detected Data	88	
272					Number of Distinct Detected Data	80				Number of Non-Detect Data	219	
273										Percent Non-Detects	71.34%	
274												
275					Raw Statistics					Log-transformed Statistics		
276					Minimum Detected	0.0013				Minimum Detected	-6.645	
277					Maximum Detected	92.6				Maximum Detected	4.528	
278					Mean of Detected	7.78				Mean of Detected	0.186	
279					SD of Detected	14.26				SD of Detected	2.503	
280					Minimum Non-Detect	0.00039				Minimum Non-Detect	-7.849	
281					Maximum Non-Detect	11.4				Maximum Non-Detect	2.434	
282												
283	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	287	
284	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	20	
285	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	93.49%	
286												
287						UCL Statistics						
288					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
289					Lilliefors Test Statistic	0.293				Lilliefors Test Statistic	0.0773	
290					5% Lilliefors Critical Value	0.0944				5% Lilliefors Critical Value	0.0944	
291					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
292												
293					Assuming Normal Distribution					Assuming Lognormal Distribution		
294					DL/2 Substitution Method					DL/2 Substitution Method		
295					Mean	2.426				Mean	-1.145	
296					SD	8.34				SD	1.774	
297					95% DL/2 (t) UCL	3.212				95% H-Stat (DL/2) UCL	1.746	
298												
299					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
300					MLE yields a negative mean					Mean in Log Scale	-2.429	
301										SD in Log Scale	2.637	
302										Mean in Original Scale	2.301	
303										SD in Original Scale	8.361	
304										95% Percentile Bootstrap UCL	3.146	
305										95% BCA Bootstrap UCL	3.288	
306												
307					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
308					k star (bias corrected)	0.354				Data appear Gamma Distributed at 5% Significance Level		
309					Theta Star	21.96						
310					nu star	62.37						
311												
312					A-D Test Statistic	0.786				Nonparametric Statistics		
313					5% A-D Critical Value	0.853				Kaplan-Meier (KM) Method		
314					K-S Test Statistic	0.853				Mean	2.293	
315					5% K-S Critical Value	0.103				SD	8.35	
316					Data appear Gamma Distributed at 5% Significance Level					SE of Mean	0.479	
317										95% KM (t) UCL	3.084	
318					Assuming Gamma Distribution					95% KM (z) UCL	3.081	

319	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		3.081
320					Minimum	0.0013				95% KM (bootstrap t) UCL		3.359
321					Maximum	92.6				95% KM (BCA) UCL		3.189
322					Mean	7.768				95% KM (Percentile Bootstrap) UCL		3.094
323					Median	7.281				95% KM (Chebyshev) UCL		4.383
324					SD	7.635				97.5% KM (Chebyshev) UCL		5.287
325					k star	1.056				99% KM (Chebyshev) UCL		7.063
326					Theta star	7.356						
327					Nu star	648.4				**Potential UCLs to Use**		
328					AppChi2	590.3				95% KM (t) UCL		3.084
329				95% Gamma Approximate UCL		8.532						
330				95% Adjusted Gamma UCL		8.536						
331	**Note: DL/2 is not a recommended method.**											
332												
333												
334												
335	**4,6-Dinitro-2-methylphenol**											
336	**General Statistics**											
337					Number of Valid Data	58				Number of Detected Data		2
338					Number of Distinct Detected Data	2				Number of Non-Detect Data		56
339										Percent Non-Detects		96.55%
340												
341	**Raw Statistics**						**Log-transformed Statistics**					
342					Minimum Detected	0.37				Minimum Detected		-0.994
343					Maximum Detected	32				Maximum Detected		3.466
344					Mean of Detected	16.19				Mean of Detected		1.236
345					SD of Detected	22.37				SD of Detected		3.154
346					Minimum Non-Detect	0.87				Minimum Non-Detect		-0.139
347					Maximum Non-Detect	110				Maximum Non-Detect		4.7
348												
349	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		58
350	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
351	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
352												
353	**Warning: Data set has only 2 Distinct Detected Values.**											
354	**This may not be adequate enough to compute meaningful and reliable test statistics and estimates.**											
355	**The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).**											
356												
357	**Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.**											
358												
359	**The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.**											
360	**Those methods will return a 'N/A' value on your output display!**											
361												
362	**It is necessary to have 4 or more Distinct Values for bootstrap methods.**											
363	**However, results obtained using 4 to 9 distinct values may not be reliable.**											
364	**It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.**											
365												
366	**UCL Statistics**											
367	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
368					Shapiro Wilk Test Statistic	N/A				Shapiro Wilk Test Statistic		N/A
369					5% Shapiro Wilk Critical Value	N/A				5% Shapiro Wilk Critical Value		N/A
370	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
371												

372	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
373				DL/2 Substitution Method						DL/2 Substitution Method		
374				Mean	3.419					Mean	0.052	
375				SD	8.966					SD	1.207	
376				95% DL/2 (t) UCL	5.388					95% H-Stat (DL/2) UCL	3.589	
377												
378				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
379	**MLE method failed to converge properly**									Mean in Log Scale	N/A	
380										SD in Log Scale	N/A	
381										Mean in Original Scale	N/A	
382										SD in Original Scale	N/A	
383										95% Percentile Bootstrap UCL	N/A	
384										95% BCA Bootstrap UCL	N/A	
385												
386	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
387				k star (bias corrected)	N/A		**Data do not follow a Discernable Distribution (0.05)**					
388				Theta Star	N/A							
389				nu star	N/A							
390												
391				A-D Test Statistic	N/A		**Nonparametric Statistics**					
392				5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method		
393				K-S Test Statistic	N/A					Mean	0.935	
394				5% K-S Critical Value	N/A					SD	4.189	
395	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.792	
396										95% KM (t) UCL	2.258	
397	**Assuming Gamma Distribution**									95% KM (z) UCL	2.237	
398				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	21.47	
399				Minimum	N/A					95% KM (bootstrap t) UCL	N/A	
400				Maximum	N/A					95% KM (BCA) UCL	32	
401				Mean	N/A					95% KM (Percentile Bootstrap) UCL	N/A	
402				Median	N/A					95% KM (Chebyshev) UCL	4.385	
403				SD	N/A					97.5% KM (Chebyshev) UCL	5.878	
404				k star	N/A					99% KM (Chebyshev) UCL	8.811	
405				Theta star	N/A							
406				Nu star	N/A					**Potential UCLs to Use**		
407				AppChi2	N/A					99% KM (Chebyshev) UCL	8.811	
408				95% Gamma Approximate UCL	N/A							
409				95% Adjusted Gamma UCL	N/A							
410	**Note: DL/2 is not a recommended method.**											
411												
412												
413	**Aluminum**											
414	**General Statistics**											
415				Number of Valid Observations	33					Number of Distinct Observations	31	
416												
417	**Raw Statistics**						**Log-transformed Statistics**					
418				Minimum	171					Minimum of Log Data	5.142	
419				Maximum	21900					Maximum of Log Data	9.994	
420				Mean	3681					Mean of log Data	7.964	
421				Median	3100					SD of log Data	0.75	
422				SD	3560							
423				Coefficient of Variation	0.967							
424				Skewness	4.479							

425												
426	**Relevant UCL Statistics**											
427	**Normal Distribution Test**						**Lognormal Distribution Test**					
428				Shapiro Wilk Test Statistic	0.494					Shapiro Wilk Test Statistic	0.783	
429				Shapiro Wilk Critical Value	0.931					Shapiro Wilk Critical Value	0.931	
430	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
431												
432	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
433				95% Student's-t UCL	4731					95% H-UCL	5078	
434	**95% UCLs (Adjusted for Skewness)**									95% Chebyshev (MVUE) UCL	6122	
435				95% Adjusted-CLT UCL	5217					97.5% Chebyshev (MVUE) UCL	7140	
436				95% Modified-t UCL	4811					99% Chebyshev (MVUE) UCL	9138	
437												
438	**Gamma Distribution Test**						**Data Distribution**					
439				k star (bias corrected)	2.001		**Data do not follow a Discernable Distribution (0.05)**					
440				Theta Star	1839							
441				MLE of Mean	3681							
442				MLE of Standard Deviation	2602							
443				nu star	132.1							
444				Approximate Chi Square Value (.05)	106.5		**Nonparametric Statistics**					
445				Adjusted Level of Significance	0.0419					95% CLT UCL	4701	
446				Adjusted Chi Square Value	105.4					95% Jackknife UCL	4731	
447										95% Standard Bootstrap UCL	4720	
448				Anderson-Darling Test Statistic	2.703					95% Bootstrap-t UCL	6599	
449				Anderson-Darling 5% Critical Value	0.758					95% Hall's Bootstrap UCL	9747	
450				Kolmogorov-Smirnov Test Statistic	0.24					95% Percentile Bootstrap UCL	4863	
451				Kolmogorov-Smirnov 5% Critical Value	0.155					95% BCA Bootstrap UCL	5346	
452	**Data not Gamma Distributed at 5% Significance Level**									95% Chebyshev(Mean, Sd) UCL	6382	
453										97.5% Chebyshev(Mean, Sd) UCL	7551	
454	**Assuming Gamma Distribution**									99% Chebyshev(Mean, Sd) UCL	9847	
455				95% Approximate Gamma UCL	4564							
456				95% Adjusted Gamma UCL	4615							
457												
458	**Potential UCL to Use**									Use 95% Chebyshev (Mean, Sd) UCL	6382	
459												
460												
461	**Antimony**											
462	**General Statistics**											
463				Number of Valid Data	36					Number of Detected Data	10	
464				Number of Distinct Detected Data	10					Number of Non-Detect Data	26	
465										Percent Non-Detects	72.22%	
466												
467	**Raw Statistics**						**Log-transformed Statistics**					
468				Minimum Detected	0.00899					Minimum Detected	-4.712	
469				Maximum Detected	9.86					Maximum Detected	2.288	
470				Mean of Detected	1.052					Mean of Detected	-2.386	
471				SD of Detected	3.095					SD of Detected	1.839	
472				Minimum Non-Detect	0.03					Minimum Non-Detect	-3.507	
473				Maximum Non-Detect	66					Maximum Non-Detect	4.19	
474												
475	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	36	
476	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
477	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	

	A	B	C	D	E	F	G	H	I	J	K	L
478												
479	UCL Statistics											
480	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
481	Shapiro Wilk Test Statistic					0.38	Shapiro Wilk Test Statistic					0.787
482	5% Shapiro Wilk Critical Value					0.842	5% Shapiro Wilk Critical Value					0.842
483	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
484												
485	Assuming Normal Distribution						Assuming Lognormal Distribution					
486	DL/2 Substitution Method						DL/2 Substitution Method					
487	Mean					4.325	Mean					0.174
488	SD					5.931	SD					2.204
489	95% DL/2 (t) UCL					5.995	95% H-Stat (DL/2) UCL					56.55
490												
491	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
492	MLE method failed to converge properly						Mean in Log Scale					-2.798
493							SD in Log Scale					1.187
494							Mean in Original Scale					0.343
495							SD in Original Scale					1.633
496							95% Percentile Bootstrap UCL					0.889
497							95% BCA Bootstrap UCL					1.159
498												
499	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
500	k star (bias corrected)					0.266	Data do not follow a Discernable Distribution (0.05)					
501	Theta Star					3.948						
502	nu star					5.328						
503												
504	A-D Test Statistic					2.086	Nonparametric Statistics					
505	5% A-D Critical Value					0.82	Kaplan-Meier (KM) Method					
506	K-S Test Statistic					0.82	Mean					0.512
507	5% K-S Critical Value					0.289	SD					2.041
508	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.459
509							95% KM (t) UCL					1.287
510	Assuming Gamma Distribution						95% KM (z) UCL					1.266
511	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					1.269
512	Minimum					1E-09	95% KM (bootstrap t) UCL					20.1
513	Maximum					9.86	95% KM (BCA) UCL					1.542
514	Mean					0.635	95% KM (Percentile Bootstrap) UCL					1.31
515	Median					0.0235	95% KM (Chebyshev) UCL					2.511
516	SD					1.882	97.5% KM (Chebyshev) UCL					3.377
517	k star					0.0932	99% KM (Chebyshev) UCL					5.076
518	Theta star					6.811						
519	Nu star					6.709	Potential UCLs to Use					
520	AppChi2					2.012	97.5% KM (Chebyshev) UCL					3.377
521	95% Gamma Approximate UCL					2.116						
522	95% Adjusted Gamma UCL					2.244						
523	Note: DL/2 is not a recommended method.											
524												
525												
526	Aroclor-1016											
527	General Statistics											
528	Number of Valid Data					454	Number of Detected Data					60
529	Number of Distinct Detected Data					15	Number of Non-Detect Data					394
530							Percent Non-Detects					86.78%

531												
532	**Raw Statistics**						**Log-transformed Statistics**					
533					Minimum Detected	0.028					Minimum Detected	-3.576
534					Maximum Detected	3.105					Maximum Detected	1.133
535					Mean of Detected	2.508					Mean of Detected	0.837
536					SD of Detected	0.547					SD of Detected	0.637
537					Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377
538					Maximum Non-Detect	418					Maximum Non-Detect	6.035
539												
540	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	454
541	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
542	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
543												
544	**UCL Statistics**											
545	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
546					Lilliefors Test Statistic	0.251					Lilliefors Test Statistic	0.413
547					5% Lilliefors Critical Value	0.114					5% Lilliefors Critical Value	0.114
548	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
549												
550	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
551					DL/2 Substitution Method						DL/2 Substitution Method	
552					Mean	1.64					Mean	-0.395
553					SD	9.78					SD	1.699
554					95% DL/2 (t) UCL	2.396					95% H-Stat (DL/2) UCL	3.681
555												
556					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
557	**MLE method failed to converge properly**										Mean in Log Scale	-0.0379
558											SD in Log Scale	0.51
559											Mean in Original Scale	1.101
560											SD in Original Scale	0.64
561											95% Percentile Bootstrap UCL	1.151
562											95% BCA Bootstrap UCL	1.152
563												
564	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
565					k star (bias corrected)	5.897	**Data do not follow a Discernable Distribution (0.05)**					
566					Theta Star	0.425						
567					nu star	707.6						
568												
569					A-D Test Statistic	10.87	**Nonparametric Statistics**					
570					5% A-D Critical Value	0.753					Kaplan-Meier (KM) Method	
571					K-S Test Statistic	0.753					Mean	0.486
572					5% K-S Critical Value	0.115					SD	0.966
573	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.0576
574											95% KM (t) UCL	0.581
575	**Assuming Gamma Distribution**										95% KM (z) UCL	0.581
576					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.702
577					Minimum	0.028					95% KM (bootstrap t) UCL	0.579
578					Maximum	3.105					95% KM (BCA) UCL	2.239
579					Mean	2.513					95% KM (Percentile Bootstrap) UCL	2.163
580					Median	2.516					95% KM (Chebyshev) UCL	0.737
581					SD	0.202					97.5% KM (Chebyshev) UCL	0.846
582					k star	44.95					99% KM (Chebyshev) UCL	1.059
583					Theta star	0.0559						

584					Nu star	40810		Potential UCLs to Use				
585					AppChi2	40342				95% KM (t) UCL		0.581
586				95% Gamma Approximate UCL		2.542				95% KM (% Bootstrap) UCL		2.163
587				95% Adjusted Gamma UCL		2.542						
588	Note: DL/2 is not a recommended method.											
589												
590												
591	Aroclor-1254											
592						General Statistics						
593					Number of Valid Data	453				Number of Detected Data		117
594					Number of Distinct Detected Data	62				Number of Non-Detect Data		336
595										Percent Non-Detects		74.17%
596												
597				Raw Statistics				Log-transformed Statistics				
598					Minimum Detected	0.0028				Minimum Detected		-5.878
599					Maximum Detected	28				Maximum Detected		3.332
600					Mean of Detected	1.885				Mean of Detected		-0.136
601					SD of Detected	3.276				SD of Detected		1.431
602					Minimum Non-Detect	0.00209				Minimum Non-Detect		-6.171
603					Maximum Non-Detect	3.56				Maximum Non-Detect		1.27
604												
605	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		443
606	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		10
607	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		97.79%
608												
609						UCL Statistics						
610				Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only				
611					Lilliefors Test Statistic	0.355				Lilliefors Test Statistic		0.28
612					5% Lilliefors Critical Value	0.0819				5% Lilliefors Critical Value		0.0819
613				Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level				
614												
615				Assuming Normal Distribution				Assuming Lognormal Distribution				
616					DL/2 Substitution Method					DL/2 Substitution Method		
617					Mean	1.284				Mean		-0.184
618					SD	1.724				SD		1.272
619					95% DL/2 (t) UCL	1.418				95% H-Stat (DL/2) UCL		2.401
620												
621					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
622				MLE yields a negative mean						Mean in Log Scale		-0.917
623										SD in Log Scale		1.173
624										Mean in Original Scale		0.823
625										SD in Original Scale		1.808
626										95% Percentile Bootstrap UCL		0.978
627										95% BCA Bootstrap UCL		1.017
628												
629				Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only				
630					k star (bias corrected)	0.76		Data do not follow a Discernable Distribution (0.05)				
631					Theta Star	2.479						
632					nu star	177.9						
633												
634					A-D Test Statistic	5.498		Nonparametric Statistics				
635					5% A-D Critical Value	0.794				Kaplan-Meier (KM) Method		
636					K-S Test Statistic	0.794				Mean		0.971

	A	B	C	D	E	F	G	H	I	J	K	L
637					5% K-S Critical Value	0.0883					SD	1.828
638	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0968
639											95% KM (t) UCL	1.131
640	Assuming Gamma Distribution										95% KM (z) UCL	1.13
641	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	1.129
642					Minimum	1E-09					95% KM (bootstrap t) UCL	1.179
643					Maximum	28					95% KM (BCA) UCL	1.144
644					Mean	2.051					95% KM (Percentile Bootstrap) UCL	1.135
645					Median	1.411					95% KM (Chebyshev) UCL	1.393
646					SD	2.276					97.5% KM (Chebyshev) UCL	1.576
647					k star	0.241					99% KM (Chebyshev) UCL	1.934
648					Theta star	8.515						
649					Nu star	218.2	Potential UCLs to Use					
650					AppChi2	185					95% KM (BCA) UCL	1.144
651				95% Gamma Approximate UCL		2.419						
652				95% Adjusted Gamma UCL		2.42						
653	Note: DL/2 is not a recommended method.											
654												
655												
656	Aroclor-1260											
657						General Statistics						
658					Number of Valid Data	453					Number of Detected Data	80
659					Number of Distinct Detected Data	35					Number of Non-Detect Data	373
660											Percent Non-Detects	82.34%
661												
662				Raw Statistics						Log-transformed Statistics		
663					Minimum Detected	0.031					Minimum Detected	-3.474
664					Maximum Detected	7.3					Maximum Detected	1.988
665					Mean of Detected	1.147					Mean of Detected	-0.232
666					SD of Detected	0.856					SD of Detected	1.142
667					Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377
668					Maximum Non-Detect	3.56					Maximum Non-Detect	1.27
669												
670	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	452
671	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
672	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.78%
673												
674						UCL Statistics						
675	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
676					Lilliefors Test Statistic	0.292					Lilliefors Test Statistic	0.372
677					5% Lilliefors Critical Value	0.0991					5% Lilliefors Critical Value	0.0991
678	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
679												
680	Assuming Normal Distribution						Assuming Lognormal Distribution					
681					DL/2 Substitution Method						DL/2 Substitution Method	
682					Mean	1.035					Mean	-0.406
683					SD	0.526					SD	1.489
684					95% DL/2 (t) UCL	1.076					95% H-Stat (DL/2) UCL	2.731
685												
686					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
687	MLE method failed to converge properly										Mean in Log Scale	-1.01
688											SD in Log Scale	0.929
689											Mean in Original Scale	0.547

690											SD in Original Scale	0.551
691											95% Percentile Bootstrap UCL	0.591
692											95% BCA Bootstrap UCL	0.595
693												
694	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
695				k star (bias corrected)	1.452		Data do not follow a Discernable Distribution (0.05)					
696				Theta Star	0.79							
697				nu star	232.2							
698												
699				A-D Test Statistic	10.45		Nonparametric Statistics					
700				5% A-D Critical Value	0.77						Kaplan-Meier (KM) Method	
701				K-S Test Statistic	0.77						Mean	0.643
702				5% K-S Critical Value	0.102						SD	0.704
703	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.056
704											95% KM (t) UCL	0.735
705	Assuming Gamma Distribution										95% KM (z) UCL	0.735
706				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.734
707				Minimum	0.031						95% KM (bootstrap t) UCL	0.734
708				Maximum	7.3						95% KM (BCA) UCL	0.737
709				Mean	1.465						95% KM (Percentile Bootstrap) UCL	0.734
710				Median	1.387						95% KM (Chebyshev) UCL	0.886
711				SD	0.643						97.5% KM (Chebyshev) UCL	0.992
712				k star	3.838						99% KM (Chebyshev) UCL	1.199
713				Theta star	0.382							
714				Nu star	3477		Potential UCLs to Use					
715				AppChi2	3341						95% KM (BCA) UCL	0.737
716				95% Gamma Approximate UCL	1.525							
717				95% Adjusted Gamma UCL	1.525							
718	Note: DL/2 is not a recommended method.											
719												
720												
721	Aroclor-1268											
722							General Statistics					
723				Number of Valid Data	451						Number of Detected Data	129
724				Number of Distinct Detected Data	80						Number of Non-Detect Data	322
725											Percent Non-Detects	71.40%
726												
727	Raw Statistics						Log-transformed Statistics					
728				Minimum Detected	0.0037						Minimum Detected	-5.599
729				Maximum Detected	25.2						Maximum Detected	3.227
730				Mean of Detected	2.162						Mean of Detected	-0.201
731				SD of Detected	3.538						SD of Detected	1.691
732				Minimum Non-Detect	0.00209						Minimum Non-Detect	-6.171
733				Maximum Non-Detect	3.56						Maximum Non-Detect	1.27
734												
735	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	430
736	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	21
737	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	95.34%
738												
739	UCL Statistics											
740	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
741				Lilliefors Test Statistic	0.367						Lilliefors Test Statistic	0.242
742				5% Lilliefors Critical Value	0.078						5% Lilliefors Critical Value	0.078

	A	B	C	D	E	F	G	H	I	J	K	L
743	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
744												
745	Assuming Normal Distribution						Assuming Lognormal Distribution					
746					DL/2 Substitution Method						DL/2 Substitution Method	
747					Mean	1.409					Mean	-0.133
748					SD	1.964					SD	1.268
749					95% DL/2 (t) UCL	1.561					95% H-Stat (DL/2) UCL	2.495
750												
751					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
752					MLE yields a negative mean						Mean in Log Scale	-0.947
753											SD in Log Scale	1.344
754											Mean in Original Scale	0.95
755											SD in Original Scale	2.072
756											95% Percentile Bootstrap UCL	1.115
757											95% BCA Bootstrap UCL	1.164
758												
759	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
760					k star (bias corrected)	0.622	Data do not follow a Discernable Distribution (0.05)					
761					Theta Star	3.476						
762					nu star	160.4						
763												
764					A-D Test Statistic	4.439	Nonparametric Statistics					
765					5% A-D Critical Value	0.807					Kaplan-Meier (KM) Method	
766					K-S Test Statistic	0.807					Mean	1.113
767					5% K-S Critical Value	0.0859					SD	2.066
768	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.107
769											95% KM (t) UCL	1.289
770	Assuming Gamma Distribution										95% KM (z) UCL	1.288
771					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.288
772					Minimum	1E-09					95% KM (bootstrap t) UCL	1.326
773					Maximum	25.2					95% KM (BCA) UCL	1.299
774					Mean	1.985					95% KM (Percentile Bootstrap) UCL	1.299
775					Median	1.349					95% KM (Chebyshev) UCL	1.578
776					SD	2.326					97.5% KM (Chebyshev) UCL	1.779
777					k star	0.314					99% KM (Chebyshev) UCL	2.175
778					Theta star	6.332						
779					Nu star	282.8	Potential UCLs to Use					
780					AppChi2	244.9					95% KM (Chebyshev) UCL	1.578
781					95% Gamma Approximate UCL	2.293						
782					95% Adjusted Gamma UCL	2.294						
783	Note: DL/2 is not a recommended method.											
784												
785												
786	Arsenic											
787						General Statistics						
788					Number of Valid Data	37					Number of Detected Data	18
789					Number of Distinct Detected Data	17					Number of Non-Detect Data	19
790											Percent Non-Detects	51.35%
791												
792	Raw Statistics						Log-transformed Statistics					
793					Minimum Detected	0.23					Minimum Detected	-1.47
794					Maximum Detected	12.9					Maximum Detected	2.557
795					Mean of Detected	3.494					Mean of Detected	0.339

796				SD of Detected	4.38					SD of Detected	1.474	
797				Minimum Non-Detect	0.2					Minimum Non-Detect	-1.609	
798				Maximum Non-Detect	8.26					Maximum Non-Detect	2.111	
799												
800	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	34	
801	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	3	
802	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	91.89%	
803												
804	**UCL Statistics**											
805	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
806				Shapiro Wilk Test Statistic	0.754					Shapiro Wilk Test Statistic	0.896	
807				5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897	
808	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
809												
810	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
811				DL/2 Substitution Method						DL/2 Substitution Method		
812				Mean	2.839					Mean	0.333	
813				SD	3.267					SD	1.343	
814				95% DL/2 (t) UCL	3.746					95% H-Stat (DL/2) UCL	6.433	
815												
816				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
817	**MLE yields a negative mean**									Mean in Log Scale	-0.374	
818										SD in Log Scale	1.334	
819										Mean in Original Scale	1.913	
820										SD in Original Scale	3.393	
821										95% Percentile Bootstrap UCL	2.88	
822										95% BCA Bootstrap UCL	3.083	
823												
824	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
825				k star (bias corrected)	0.593					**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
826				Theta Star	5.895							
827				nu star	21.34							
828												
829				A-D Test Statistic	0.851					**Nonparametric Statistics**		
830				5% A-D Critical Value	0.785					Kaplan-Meier (KM) Method		
831				K-S Test Statistic	0.785					Mean	2.061	
832				5% K-S Critical Value	0.213					SD	3.365	
833	**Data follow Appr. Gamma Distribution at 5% Significance Level**									SE of Mean	0.587	
834										95% KM (t) UCL	3.051	
835	**Assuming Gamma Distribution**									95% KM (z) UCL	3.026	
836				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.039	
837				Minimum	0.23					95% KM (bootstrap t) UCL	3.367	
838				Maximum	12.9					95% KM (BCA) UCL	3.166	
839				Mean	3.297					95% KM (Percentile Bootstrap) UCL	3.1	
840				Median	3.145					95% KM (Chebyshev) UCL	4.618	
841				SD	3.106					97.5% KM (Chebyshev) UCL	5.725	
842				k star	1.094					99% KM (Chebyshev) UCL	7.899	
843				Theta star	3.015							
844				Nu star	80.92					**Potential UCLs to Use**		
845				AppChi2	61.19					95% KM (t) UCL	3.051	
846				95% Gamma Approximate UCL	4.36							
847				95% Adjusted Gamma UCL	4.414							
848	**Note: DL/2 is not a recommended method.**											

849												
850												
851	**Benzene**											
852						**General Statistics**							
853					Number of Valid Data	342				Number of Detected Data	70	
854					Number of Distinct Detected Data	33				Number of Non-Detect Data	272	
855										Percent Non-Detects	79.53%	
856												
857				**Raw Statistics**					**Log-transformed Statistics**			
858					Minimum Detected	0.00055				Minimum Detected	-7.506	
859					Maximum Detected	20.2				Maximum Detected	3.006	
860					Mean of Detected	0.491				Mean of Detected	-2.749	
861					SD of Detected	2.429				SD of Detected	1.65	
862					Minimum Non-Detect	0.00015				Minimum Non-Detect	-8.805	
863					Maximum Non-Detect	12				Maximum Non-Detect	2.485	
864												
865	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	341	
866	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1	
867	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	99.71%	
868												
869						**UCL Statistics**							
870				**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**			
871					Lilliefors Test Statistic	0.42				Lilliefors Test Statistic	0.289	
872					5% Lilliefors Critical Value	0.106				5% Lilliefors Critical Value	0.106	
873				**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**			
874												
875				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
876					DL/2 Substitution Method					DL/2 Substitution Method		
877					Mean	0.224				Mean	-3.368	
878					SD	1.206				SD	1.761	
879					95% DL/2 (t) UCL	0.332				95% H-Stat (DL/2) UCL	0.302	
880												
881					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
882				**MLE method failed to converge properly**						Mean in Log Scale	-4.818	
883										SD in Log Scale	1.869	
884										Mean in Original Scale	0.111	
885										SD in Original Scale	1.11	
886										95% Percentile Bootstrap UCL	0.227	
887										95% BCA Bootstrap UCL	0.296	
888												
889				**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**			
890					k star (bias corrected)	0.328				**Data do not follow a Discernable Distribution (0.05)**		
891					Theta Star	1.495						
892					nu star	45.93						
893												
894					A-D Test Statistic	10.8				**Nonparametric Statistics**		
895					5% A-D Critical Value	0.858				Kaplan-Meier (KM) Method		
896					K-S Test Statistic	0.858				Mean	0.112	
897					5% K-S Critical Value	0.115				SD	1.109	
898				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.0605	
899										95% KM (t) UCL	0.212	
900				**Assuming Gamma Distribution**						95% KM (z) UCL	0.211	
901					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.211	

902					Minimum	1E-09				95% KM (bootstrap t) UCL		0.604
903					Maximum	20.2				95% KM (BCA) UCL		0.233
904					Mean	1.975				95% KM (Percentile Bootstrap) UCL		0.234
905					Median	0.228				95% KM (Chebyshev) UCL		0.376
906					SD	3.275				97.5% KM (Chebyshev) UCL		0.49
907					k star	0.12				99% KM (Chebyshev) UCL		0.714
908					Theta star	16.42						
909					Nu star	82.27				**Potential UCLs to Use**		
910					AppChi2	62.37				95% KM (Chebyshev) UCL		0.376
911					95% Gamma Approximate UCL	2.605						
912					95% Adjusted Gamma UCL	2.608						
913	**Note: DL/2 is not a recommended method.**											
914												
915												
916	**Benzo(a)anthracene**											
917						**General Statistics**						
918					Number of Valid Data	363				Number of Detected Data		106
919					Number of Distinct Detected Data	65				Number of Non-Detect Data		257
920										Percent Non-Detects		70.80%
921												
922					**Raw Statistics**					**Log-transformed Statistics**		
923					Minimum Detected	0.00068				Minimum Detected		-7.293
924					Maximum Detected	89.1				Maximum Detected		4.49
925					Mean of Detected	2.085				Mean of Detected		-1.487
926					SD of Detected	11.37				SD of Detected		1.749
927					Minimum Non-Detect	0.00048				Minimum Non-Detect		-7.642
928					Maximum Non-Detect	11.4				Maximum Non-Detect		2.434
929												
930	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		361
931	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
932	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.45%
933												
934						**UCL Statistics**						
935					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
936					Lilliefors Test Statistic	0.442				Lilliefors Test Statistic		0.202
937					5% Lilliefors Critical Value	0.0861				5% Lilliefors Critical Value		0.0861
938					**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**		
939												
940					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
941					DL/2 Substitution Method					DL/2 Substitution Method		
942					Mean	0.838				Mean		-1.547
943					SD	6.199				SD		1.189
944					95% DL/2 (t) UCL	1.375				95% H-Stat (DL/2) UCL		0.613
945												
946					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
947					**MLE method failed to converge properly**					Mean in Log Scale		-2.142
948										SD in Log Scale		1.347
949										Mean in Original Scale		0.708
950										SD in Original Scale		6.19
951										95% Percentile Bootstrap UCL		1.334
952										95% BCA Bootstrap UCL		1.683
953												
954					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		

955				k star (bias corrected)	0.306	Data do not follow a Discernable Distribution (0.05)						
956				Theta Star	6.807							
957				nu star	64.95							
958												
959				A-D Test Statistic	15.05	Nonparametric Statistics						
960				5% A-D Critical Value	0.866					Kaplan-Meier (KM) Method		
961				K-S Test Statistic	0.866					Mean		0.714
962				5% K-S Critical Value	0.0953					SD		6.181
963	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.326
964										95% KM (t) UCL		1.252
965	Assuming Gamma Distribution									95% KM (z) UCL		1.251
966	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		1.25
967				Minimum	0.00068					95% KM (bootstrap t) UCL		6.383
968				Maximum	89.1					95% KM (BCA) UCL		1.318
969				Mean	2.056					95% KM (Percentile Bootstrap) UCL		1.359
970				Median	0.917					95% KM (Chebyshev) UCL		2.136
971				SD	6.284					97.5% KM (Chebyshev) UCL		2.751
972				k star	0.701					99% KM (Chebyshev) UCL		3.959
973				Theta star	2.934							
974				Nu star	508.8	Potential UCLs to Use						
975				AppChi2	457.5					95% KM (Chebyshev) UCL		2.136
976				95% Gamma Approximate UCL	2.287							
977				95% Adjusted Gamma UCL	2.288							
978	Note: DL/2 is not a recommended method.											
979												
980												
981	Benzo(a)pyrene											
982	General Statistics											
983				Number of Valid Data	363					Number of Detected Data		98
984				Number of Distinct Detected Data	52					Number of Non-Detect Data		265
985										Percent Non-Detects		73.00%
986												
987	Raw Statistics					Log-transformed Statistics						
988				Minimum Detected	0.00032					Minimum Detected		-8.047
989				Maximum Detected	78.3					Maximum Detected		4.361
990				Mean of Detected	2.022					Mean of Detected		-1.791
991				SD of Detected	10.75					SD of Detected		1.759
992				Minimum Non-Detect	0.00014					Minimum Non-Detect		-8.874
993				Maximum Non-Detect	11.4					Maximum Non-Detect		2.434
994												
995	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		360
996	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		3
997	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.17%
998												
999	UCL Statistics											
1000	Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only						
1001				Lilliefors Test Statistic	0.456					Lilliefors Test Statistic		0.251
1002				5% Lilliefors Critical Value	0.0895					5% Lilliefors Critical Value		0.0895
1003	Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level						
1004												
1005	Assuming Normal Distribution					Assuming Lognormal Distribution						
1006				DL/2 Substitution Method						DL/2 Substitution Method		
1007				Mean	0.778					Mean		-1.64

	A	B	C	D	E	F	G	H	I	J	K	L
1008					SD	5.641					SD	1.209
1009					95% DL/2 (t) UCL	1.266					95% H-Stat (DL/2) UCL	0.59
1010												
1011					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1012					**MLE method failed to converge properly**						Mean in Log Scale	-2.209
1013											SD in Log Scale	1.304
1014											Mean in Original Scale	0.657
1015											SD in Original Scale	5.63
1016											95% Percentile Bootstrap UCL	1.187
1017											95% BCA Bootstrap UCL	1.418
1018												
1019					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
1020					k star (bias corrected)	0.278					**Data do not follow a Discernable Distribution (0.05)**	
1021					Theta Star	7.276						
1022					nu star	54.46						
1023												
1024					A-D Test Statistic	18.62					**Nonparametric Statistics**	
1025					5% A-D Critical Value	0.877					Kaplan-Meier (KM) Method	
1026					K-S Test Statistic	0.877					Mean	0.65
1027					5% K-S Critical Value	0.0985					SD	5.622
1028					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.297
1029											95% KM (t) UCL	1.139
1030					**Assuming Gamma Distribution**						95% KM (z) UCL	1.138
1031					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.138
1032					Minimum	0.00032					95% KM (bootstrap t) UCL	2.911
1033					Maximum	78.3					95% KM (BCA) UCL	1.183
1034					Mean	1.985					95% KM (Percentile Bootstrap) UCL	1.228
1035					Median	1.392					95% KM (Chebyshev) UCL	1.943
1036					SD	5.617					97.5% KM (Chebyshev) UCL	2.503
1037					k star	0.805					99% KM (Chebyshev) UCL	3.602
1038					Theta star	2.467						
1039					Nu star	584.3					**Potential UCLs to Use**	
1040					AppChi2	529.2					95% KM (Chebyshev) UCL	1.943
1041					95% Gamma Approximate UCL	2.192						
1042					95% Adjusted Gamma UCL	2.193						
1043	**Note: DL/2 is not a recommended method.**											
1044												
1045												
1046	**Benzo(b)fluoranthene**											
1047									**General Statistics**			
1048					Number of Valid Data	362					Number of Detected Data	99
1049					Number of Distinct Detected Data	51					Number of Non-Detect Data	263
1050											Percent Non-Detects	72.65%
1051												
1052					**Raw Statistics**						**Log-transformed Statistics**	
1053					Minimum Detected	0.00079					Minimum Detected	-7.143
1054					Maximum Detected	35.6					Maximum Detected	3.572
1055					Mean of Detected	0.96					Mean of Detected	-1.542
1056					SD of Detected	3.934					SD of Detected	1.536
1057					Minimum Non-Detect	0.00025					Minimum Non-Detect	-8.294
1058					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
1059												
1060	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	360

1061	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	2
1062	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.45%
1063												
1064						UCL Statistics						
1065					Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
1066						Lilliefors Test Statistic	0.404				Lilliefors Test Statistic	0.241
1067						5% Lilliefors Critical Value	0.089				5% Lilliefors Critical Value	0.089
1068					Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level	
1069												
1070					Assuming Normal Distribution						Assuming Lognormal Distribution	
1071						DL/2 Substitution Method					DL/2 Substitution Method	
1072						Mean	0.501				Mean	-1.553
1073						SD	2.129				SD	1.113
1074						95% DL/2 (t) UCL	0.686				95% H-Stat (DL/2) UCL	0.55
1075												
1076						Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method	
1077					MLE method failed to converge properly						Mean in Log Scale	-1.998
1078											SD in Log Scale	1.132
1079											Mean in Original Scale	0.379
1080											SD in Original Scale	2.084
1081											95% Percentile Bootstrap UCL	0.571
1082											95% BCA Bootstrap UCL	0.682
1083												
1084					Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only	
1085						k star (bias corrected)	0.426				Data do not follow a Discernable Distribution (0.05)	
1086						Theta Star	2.251					
1087						nu star	84.43					
1088												
1089						A-D Test Statistic	13.24				Nonparametric Statistics	
1090						5% A-D Critical Value	0.835				Kaplan-Meier (KM) Method	
1091						K-S Test Statistic	0.835				Mean	0.381
1092						5% K-S Critical Value	0.0959				SD	2.08
1093					Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.11
1094											95% KM (t) UCL	0.562
1095					Assuming Gamma Distribution						95% KM (z) UCL	0.562
1096						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.562
1097						Minimum	1E-09				95% KM (bootstrap t) UCL	1.071
1098						Maximum	35.6				95% KM (BCA) UCL	0.624
1099						Mean	0.946				95% KM (Percentile Bootstrap) UCL	0.564
1100						Median	0.931				95% KM (Chebyshev) UCL	0.861
1101						SD	2.075				97.5% KM (Chebyshev) UCL	1.069
1102						k star	0.808				99% KM (Chebyshev) UCL	1.477
1103						Theta star	1.17					
1104						Nu star	585.1				Potential UCLs to Use	
1105						AppChi2	530				95% KM (Chebyshev) UCL	0.861
1106						95% Gamma Approximate UCL	1.044					
1107						95% Adjusted Gamma UCL	1.045					
1108	Note: DL/2 is not a recommended method.											
1109												
1110												
1111	Benzo(k)fluoranthene											
1112						General Statistics						
1113						Number of Valid Data	362				Number of Detected Data	92

1114					Number of Distinct Detected Data	44					Number of Non-Detect Data	270
1115											Percent Non-Detects	74.59%
1116												
1117					**Raw Statistics**						**Log-transformed Statistics**	
1118					Minimum Detected	0.00028					Minimum Detected	-8.181
1119					Maximum Detected	35.6					Maximum Detected	3.572
1120					Mean of Detected	0.889					Mean of Detected	-1.856
1121					SD of Detected	4.063					SD of Detected	1.748
1122					Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
1123					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
1124												
1125	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	360
1126	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	2
1127	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.45%
1128												
1129					**UCL Statistics**							
1130					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
1131					Lilliefors Test Statistic	0.436					Lilliefors Test Statistic	0.262
1132					5% Lilliefors Critical Value	0.0924					5% Lilliefors Critical Value	0.0924
1133					**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**	
1134												
1135					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
1136					DL/2 Substitution Method						DL/2 Substitution Method	
1137					Mean	0.467					Mean	-1.64
1138					SD	2.115					SD	1.193
1139					95% DL/2 (t) UCL	0.651					95% H-Stat (DL/2) UCL	0.571
1140												
1141					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1142					**MLE method failed to converge properly**						Mean in Log Scale	-2.305
1143											SD in Log Scale	1.252
1144											Mean in Original Scale	0.324
1145											SD in Original Scale	2.07
1146											95% Percentile Bootstrap UCL	0.522
1147											95% BCA Bootstrap UCL	0.677
1148												
1149					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
1150					k star (bias corrected)	0.376					**Data do not follow a Discernable Distribution (0.05)**	
1151					Theta Star	2.362						
1152					nu star	69.23						
1153												
1154					A-D Test Statistic	13.26					**Nonparametric Statistics**	
1155					5% A-D Critical Value	0.848					Kaplan-Meier (KM) Method	
1156					K-S Test Statistic	0.848					Mean	0.337
1157					5% K-S Critical Value	0.1					SD	2.064
1158					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.109
1159											95% KM (t) UCL	0.517
1160					**Assuming Gamma Distribution**						95% KM (z) UCL	0.517
1161					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.516
1162					Minimum	0.00028					95% KM (bootstrap t) UCL	0.871
1163					Maximum	35.6					95% KM (BCA) UCL	0.545
1164					Mean	0.862					95% KM (Percentile Bootstrap) UCL	0.53
1165					Median	0.442					95% KM (Chebyshev) UCL	0.813
1166					SD	2.138					97.5% KM (Chebyshev) UCL	1.02

1167					k star	0.787				99% KM (Chebyshev) UCL		1.425
1168					Theta star	1.096						
1169					Nu star	569.7				Potential UCLs to Use		
1170					AppChi2	515.4				95% KM (Chebyshev) UCL		0.813
1171				95% Gamma Approximate UCL		0.953						
1172				95% Adjusted Gamma UCL		0.953						
1173	Note: DL/2 is not a recommended method.											
1174												
1175												
1176	bis(2-Chloroethyl) ether											
1177	General Statistics											
1178				Number of Valid Data		63				Number of Detected Data		1
1179				Number of Distinct Detected Data		1				Number of Non-Detect Data		62
1180										Percent Non-Detects		98.41%
1181												
1182	Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!											
1183	It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).											
1184												
1185	The data set for variable bis(2-Chloroethyl) ether was not processed!											
1186												
1187												
1188	Carbazole											
1189	General Statistics											
1190				Number of Valid Data		51				Number of Detected Data		6
1191				Number of Distinct Detected Data		6				Number of Non-Detect Data		45
1192										Percent Non-Detects		88.24%
1193												
1194	Raw Statistics						Log-transformed Statistics					
1195				Minimum Detected		0.005				Minimum Detected		-5.298
1196				Maximum Detected		0.076				Maximum Detected		-2.577
1197				Mean of Detected		0.0387				Mean of Detected		-3.524
1198				SD of Detected		0.0241				SD of Detected		0.956
1199				Minimum Non-Detect		0.36				Minimum Non-Detect		-1.022
1200				Maximum Non-Detect		10				Maximum Non-Detect		2.303
1201												
1202	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		51
1203	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
1204	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
1205												
1206	Warning: There are only 6 Detected Values in this data											
1207	Note: It should be noted that even though bootstrap may be performed on this data set											
1208	the resulting calculations may not be reliable enough to draw conclusions											
1209												
1210	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
1211												
1212												
1213	UCL Statistics											
1214	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1215				Shapiro Wilk Test Statistic		0.975				Shapiro Wilk Test Statistic		0.854
1216				5% Shapiro Wilk Critical Value		0.788				5% Shapiro Wilk Critical Value		0.788
1217	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1218												
1219	Assuming Normal Distribution						Assuming Lognormal Distribution					

	A	B	C	D	E	F	G	H	I	J	K	L
1220					DL/2 Substitution Method						DL/2 Substitution Method	
1221					Mean	0.392					Mean	-1.647
1222					SD	0.89					SD	1.018
1223					95% DL/2 (t) UCL	0.601					95% H-Stat (DL/2) UCL	0.624
1224												
1225					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1226					**MLE method failed to converge properly**						Mean in Log Scale	-3.524
1227											SD in Log Scale	0.74
1228											Mean in Original Scale	0.0378
1229											SD in Original Scale	0.027
1230											95% Percentile Bootstrap UCL	0.0443
1231											95% BCA Bootstrap UCL	0.0449
1232												
1233					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
1234					k star (bias corrected)	1.109					**Data appear Normal at 5% Significance Level**	
1235					Theta Star	0.0349						
1236					nu star	13.3						
1237												
1238					A-D Test Statistic	0.364					**Nonparametric Statistics**	
1239					5% A-D Critical Value	0.704					Kaplan-Meier (KM) Method	
1240					K-S Test Statistic	0.704					Mean	0.0387
1241					5% K-S Critical Value	0.336					SD	0.022
1242					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.00984
1243											95% KM (t) UCL	0.0552
1244					**Assuming Gamma Distribution**						95% KM (z) UCL	0.0548
1245					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0565
1246					Minimum	0.00267					95% KM (bootstrap t) UCL	0.0579
1247					Maximum	0.076					95% KM (BCA) UCL	0.0567
1248					Mean	0.0387					95% KM (Percentile Bootstrap) UCL	0.0545
1249					Median	0.0391					95% KM (Chebyshev) UCL	0.0815
1250					SD	0.0197					97.5% KM (Chebyshev) UCL	0.1
1251					k star	2.514					99% KM (Chebyshev) UCL	0.137
1252					Theta star	0.0154						
1253					Nu star	256.5					**Potential UCLs to Use**	
1254					AppChi2	220.4					95% KM (t) UCL	0.0552
1255					95% Gamma Approximate UCL	0.0451					95% KM (Percentile Bootstrap) UCL	0.0545
1256					95% Adjusted Gamma UCL	0.0453						
1257	**Note: DL/2 is not a recommended method.**											
1258												
1259												
1260	**Chromium**											
1261										**General Statistics**		
1262					Number of Valid Data	38					Number of Detected Data	33
1263					Number of Distinct Detected Data	32					Number of Non-Detect Data	5
1264											Percent Non-Detects	13.16%
1265												
1266					**Raw Statistics**						**Log-transformed Statistics**	
1267					Minimum Detected	1.26					Minimum Detected	0.231
1268					Maximum Detected	12.6					Maximum Detected	2.534
1269					Mean of Detected	4.609					Mean of Detected	1.323
1270					SD of Detected	3.142					SD of Detected	0.644
1271					Minimum Non-Detect	0.75					Minimum Non-Detect	-0.288
1272					Maximum Non-Detect	22					Maximum Non-Detect	3.091

1273												
1274	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	38
1275	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1276	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1277												
1278	**UCL Statistics**											
1279	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1280	Shapiro Wilk Test Statistic				0.848		Shapiro Wilk Test Statistic					0.959
1281	5% Shapiro Wilk Critical Value				0.931		5% Shapiro Wilk Critical Value					0.931
1282	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1283												
1284	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1285	DL/2 Substitution Method						DL/2 Substitution Method					
1286	Mean				4.384		Mean					1.18
1287	SD				3.335		SD					0.835
1288	95% DL/2 (t) UCL				5.297		95% H-Stat (DL/2) UCL					5.707
1289												
1290	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
1291	**MLE method failed to converge properly**						Mean in Log Scale					1.198
1292							SD in Log Scale					0.712
1293							Mean in Original Scale					4.224
1294							SD in Original Scale					3.108
1295							95% Percentile Bootstrap UCL					5.084
1296							95% BCA Bootstrap UCL					5.183
1297												
1298	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1299	k star (bias corrected)				2.38		**Data appear Gamma Distributed at 5% Significance Level**					
1300	Theta Star				1.936							
1301	nu star				157.1							
1302												
1303	A-D Test Statistic				0.627		**Nonparametric Statistics**					
1304	5% A-D Critical Value				0.756		Kaplan-Meier (KM) Method					
1305	K-S Test Statistic				0.756		Mean					4.277
1306	5% K-S Critical Value				0.155		SD					3.076
1307	**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean					0.514
1308							95% KM (t) UCL					5.144
1309	**Assuming Gamma Distribution**						95% KM (z) UCL					5.122
1310	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					5.137
1311	Minimum				1E-09		95% KM (bootstrap t) UCL					5.32
1312	Maximum				12.6		95% KM (BCA) UCL					5.107
1313	Mean				4.272		95% KM (Percentile Bootstrap) UCL					5.11
1314	Median				3.35		95% KM (Chebyshev) UCL					6.517
1315	SD				3.148		97.5% KM (Chebyshev) UCL					7.486
1316	k star				0.467		99% KM (Chebyshev) UCL					9.39
1317	Theta star				9.154							
1318	Nu star				35.46		**Potential UCLs to Use**					
1319	AppChi2				22.84		95% KM (BCA) UCL					5.107
1320	95% Gamma Approximate UCL				6.633							
1321	95% Adjusted Gamma UCL				6.758							
1322	**Note: DL/2 is not a recommended method.**											
1323												
1324												
1325	**Dibenzo(a,h)anthracene**											

1326	General Statistics											
1327					Number of Valid Data	353				Number of Detected Data		0
1328					Number of Distinct Detected Data	0				Number of Non-Detect Data		353
1329										Percent Non-Detects		100.00%
1330												
1331	Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!											
1332	Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!											
1333	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
1334												
1335	The data set for variable Dibenzo(a,h)anthracene was not processed!											
1336												
1337												
1338	Dibromochloromethane											
1339												
1340	General Statistics											
1341					Number of Valid Data	342				Number of Detected Data		63
1342					Number of Distinct Detected Data	19				Number of Non-Detect Data		279
1343										Percent Non-Detects		81.58%
1344												
1345	Raw Statistics									Log-transformed Statistics		
1346					Minimum Detected	0.026				Minimum Detected		-3.65
1347					Maximum Detected	4.8				Maximum Detected		1.569
1348					Mean of Detected	0.151				Mean of Detected		-3.112
1349					SD of Detected	0.625				SD of Detected		0.948
1350					Minimum Non-Detect	0.00017				Minimum Non-Detect		-8.68
1351					Maximum Non-Detect	12				Maximum Non-Detect		2.485
1352												
1353	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		342
1354	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
1355	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
1356												
1357	UCL Statistics											
1358	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
1359					Lilliefors Test Statistic	0.46				Lilliefors Test Statistic		0.397
1360					5% Lilliefors Critical Value	0.112				5% Lilliefors Critical Value		0.112
1361	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level		
1362												
1363	Assuming Normal Distribution									Assuming Lognormal Distribution		
1364					DL/2 Substitution Method					DL/2 Substitution Method		
1365					Mean	0.16				Mean		-3.451
1366					SD	0.581				SD		1.673
1367					95% DL/2 (t) UCL	0.212				95% H-Stat (DL/2) UCL		0.244
1368												
1369					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1370	MLE method failed to converge properly									Mean in Log Scale		-4.117
1371										SD in Log Scale		0.983
1372										Mean in Original Scale		0.0429
1373										SD in Original Scale		0.272
1374										95% Percentile Bootstrap UCL		0.0699
1375										95% BCA Bootstrap UCL		0.0931
1376												
1377	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
1378					k star (bias corrected)	0.502				Data do not follow a Discernable Distribution (0.05)		

1379					Theta Star	0.301						
1380					nu star	63.29						
1381												
1382					A-D Test Statistic	17.06				Nonparametric Statistics		
1383					5% A-D Critical Value	0.815				Kaplan-Meier (KM) Method		
1384					K-S Test Statistic	0.815				Mean		0.052
1385					5% K-S Critical Value	0.119				SD		0.272
1386					Data not Gamma Distributed at 5% Significance Level					SE of Mean		0.015
1387										95% KM (t) UCL		0.0767
1388					Assuming Gamma Distribution					95% KM (z) UCL		0.0766
1389					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.076
1390					Minimum	1E-09				95% KM (bootstrap t) UCL		0.189
1391					Maximum	4.8				95% KM (BCA) UCL		0.0833
1392					Mean	0.755				95% KM (Percentile Bootstrap) UCL		0.0793
1393					Median	0.262				95% KM (Chebyshev) UCL		0.117
1394					SD	0.991				97.5% KM (Chebyshev) UCL		0.145
1395					k star	0.179				99% KM (Chebyshev) UCL		0.201
1396					Theta star	4.209						
1397					Nu star	122.7				Potential UCLs to Use		
1398					AppChi2	98.16				95% KM (t) UCL		0.0767
1399					95% Gamma Approximate UCL	0.945				95% KM (% Bootstrap) UCL		0.0793
1400					95% Adjusted Gamma UCL	0.945						
1401	Note: DL/2 is not a recommended method.											
1402												
1403												
1404	Dichloromethane (Methylene chloride)											
1405						General Statistics						
1406					Number of Valid Data	342				Number of Detected Data		99
1407					Number of Distinct Detected Data	42				Number of Non-Detect Data		243
1408										Percent Non-Detects		71.05%
1409												
1410					Raw Statistics					Log-transformed Statistics		
1411					Minimum Detected	0.00033				Minimum Detected		-8.016
1412					Maximum Detected	16				Maximum Detected		2.773
1413					Mean of Detected	0.423				Mean of Detected		-3.269
1414					SD of Detected	1.73				SD of Detected		2.027
1415					Minimum Non-Detect	0.00015				Minimum Non-Detect		-8.805
1416					Maximum Non-Detect	12				Maximum Non-Detect		2.485
1417												
1418	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		341
1419	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
1420	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.71%
1421												
1422						UCL Statistics						
1423					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
1424					Lilliefors Test Statistic	0.404				Lilliefors Test Statistic		0.263
1425					5% Lilliefors Critical Value	0.089				5% Lilliefors Critical Value		0.089
1426					Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level		
1427												
1428					Assuming Normal Distribution					Assuming Lognormal Distribution		
1429					DL/2 Substitution Method					DL/2 Substitution Method		
1430					Mean	0.252				Mean		-3.276
1431					SD	1.066				SD		1.796

1432				95% DL/2 (t) UCL	0.347					95% H-Stat (DL/2) UCL		0.403
1433												
1434				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1435				**MLE method failed to converge properly**						Mean in Log Scale		-4.445
1436										SD in Log Scale		1.889
1437										Mean in Original Scale		0.138
1438										SD in Original Scale		0.945
1439										95% Percentile Bootstrap UCL		0.229
1440										95% BCA Bootstrap UCL		0.281
1441												
1442				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1443				k star (bias corrected)	0.286					**Data do not follow a Discernable Distribution (0.05)**		
1444				Theta Star	1.476							
1445				nu star	56.68							
1446												
1447				A-D Test Statistic	11.92					**Nonparametric Statistics**		
1448				5% A-D Critical Value	0.873					Kaplan-Meier (KM) Method		
1449				K-S Test Statistic	0.873					Mean		0.137
1450				5% K-S Critical Value	0.0978					SD		0.946
1451				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.0515
1452										95% KM (t) UCL		0.222
1453				**Assuming Gamma Distribution**						95% KM (z) UCL		0.222
1454				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.222
1455				Minimum	1E-09					95% KM (bootstrap t) UCL		0.36
1456				Maximum	16					95% KM (BCA) UCL		0.233
1457				Mean	0.517					95% KM (Percentile Bootstrap) UCL		0.236
1458				Median	0.03					95% KM (Chebyshev) UCL		0.362
1459				SD	1.219					97.5% KM (Chebyshev) UCL		0.459
1460				k star	0.106					99% KM (Chebyshev) UCL		0.65
1461				Theta star	4.9							
1462				Nu star	72.16					**Potential UCLs to Use**		
1463				AppChi2	53.6					97.5% KM (Chebyshev) UCL		0.459
1464				95% Gamma Approximate UCL	0.696							
1465				95% Adjusted Gamma UCL	0.697							
1466	**Note: DL/2 is not a recommended method.**											
1467												
1468												
1469	**Ethyl benzene**											
1470										**General Statistics**		
1471				Number of Valid Data	342					Number of Detected Data		106
1472				Number of Distinct Detected Data	80					Number of Non-Detect Data		236
1473										Percent Non-Detects		69.01%
1474												
1475				**Raw Statistics**						**Log-transformed Statistics**		
1476				Minimum Detected	0.0007					Minimum Detected		-7.264
1477				Maximum Detected	55.3					Maximum Detected		4.013
1478				Mean of Detected	4.94					Mean of Detected		-0.633
1479				SD of Detected	9.584					SD of Detected		2.615
1480				Minimum Non-Detect	0.00004					Minimum Non-Detect		-10.13
1481				Maximum Non-Detect	11					Maximum Non-Detect		2.398
1482												
1483	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		327
1484	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		15

	A	B	C	D	E	F	G	H	I	J	K	L
1485	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	95.61%
1486												
1487	UCL Statistics											
1488	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1489	Lilliefors Test Statistic					0.303	Lilliefors Test Statistic					0.143
1490	5% Lilliefors Critical Value					0.0861	5% Lilliefors Critical Value					0.0861
1491	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1492												
1493	Assuming Normal Distribution						Assuming Lognormal Distribution					
1494	DL/2 Substitution Method						DL/2 Substitution Method					
1495	Mean					1.624	Mean					-2.772
1496	SD					5.779	SD					2.572
1497	95% DL/2 (t) UCL					2.14	95% H-Stat (DL/2) UCL					3.039
1498												
1499	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
1500	MLE yields a negative mean						Mean in Log Scale					-4.752
1501							SD in Log Scale					3.774
1502							Mean in Original Scale					1.539
1503							SD in Original Scale					5.787
1504							95% Percentile Bootstrap UCL					2.076
1505							95% BCA Bootstrap UCL					2.212
1506												
1507	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1508	k star (bias corrected)					0.305	Data do not follow a Discernable Distribution (0.05)					
1509	Theta Star					16.17						
1510	nu star					64.76						
1511												
1512	A-D Test Statistic					2.828	Nonparametric Statistics					
1513	5% A-D Critical Value					0.866	Kaplan-Meier (KM) Method					
1514	K-S Test Statistic					0.866	Mean					1.543
1515	5% K-S Critical Value					0.0953	SD					5.779
1516	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.314
1517							95% KM (t) UCL					2.061
1518	Assuming Gamma Distribution						95% KM (z) UCL					2.06
1519	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					2.059
1520	Minimum					0.0007	95% KM (bootstrap t) UCL					2.222
1521	Maximum					55.3	95% KM (BCA) UCL					2.101
1522	Mean					4.638	95% KM (Percentile Bootstrap) UCL					2.062
1523	Median					3.07	95% KM (Chebyshev) UCL					2.912
1524	SD					5.713	97.5% KM (Chebyshev) UCL					3.504
1525	k star					0.767	99% KM (Chebyshev) UCL					4.668
1526	Theta star					6.045						
1527	Nu star					524.9	Potential UCLs to Use					
1528	AppChi2					472.7	97.5% KM (Chebyshev) UCL					3.504
1529	95% Gamma Approximate UCL					5.15						
1530	95% Adjusted Gamma UCL					5.152						
1531	Note: DL/2 is not a recommended method.											
1532												
1533												
1534	Indeno(1,2,3-cd)pyrene											
1535	General Statistics											
1536	Number of Valid Data					363	Number of Detected Data					86
1537	Number of Distinct Detected Data					40	Number of Non-Detect Data					277

1538											Percent Non-Detects	76.31%
1539												
1540				Raw Statistics						Log-transformed Statistics		
1541					Minimum Detected	0.00026					Minimum Detected	-8.255
1542					Maximum Detected	2.2					Maximum Detected	0.788
1543					Mean of Detected	0.254					Mean of Detected	-2
1544					SD of Detected	0.351					SD of Detected	1.442
1545					Minimum Non-Detect	0.00016					Minimum Non-Detect	-8.74
1546					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
1547												
1548	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	363
1549	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1550	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1551												
1552						UCL Statistics						
1553				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
1554					Lilliefors Test Statistic	0.407					Lilliefors Test Statistic	0.287
1555					5% Lilliefors Critical Value	0.0955					5% Lilliefors Critical Value	0.0955
1556				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
1557												
1558				Assuming Normal Distribution						Assuming Lognormal Distribution		
1559					DL/2 Substitution Method						DL/2 Substitution Method	
1560					Mean	0.319					Mean	-1.659
1561					SD	0.584					SD	1.09
1562					95% DL/2 (t) UCL	0.37					95% H-Stat (DL/2) UCL	0.493
1563												
1564					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1565				MLE method failed to converge properly							Mean in Log Scale	-2.258
1566											SD in Log Scale	1.017
1567											Mean in Original Scale	0.161
1568											SD in Original Scale	0.202
1569											95% Percentile Bootstrap UCL	0.18
1570											95% BCA Bootstrap UCL	0.181
1571												
1572				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
1573					k star (bias corrected)	0.902				Data do not follow a Discernable Distribution (0.05)		
1574					Theta Star	0.281						
1575					nu star	155.2						
1576												
1577					A-D Test Statistic	6.178				Nonparametric Statistics		
1578					5% A-D Critical Value	0.786					Kaplan-Meier (KM) Method	
1579					K-S Test Statistic	0.786					Mean	0.175
1580					5% K-S Critical Value	0.0996					SD	0.192
1581				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.0127
1582											95% KM (t) UCL	0.196
1583				Assuming Gamma Distribution							95% KM (z) UCL	0.196
1584					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.196
1585					Minimum	0.00026					95% KM (bootstrap t) UCL	0.199
1586					Maximum	2.2					95% KM (BCA) UCL	0.198
1587					Mean	0.254					95% KM (Percentile Bootstrap) UCL	0.197
1588					Median	0.253					95% KM (Chebyshev) UCL	0.231
1589					SD	0.17					97.5% KM (Chebyshev) UCL	0.255
1590					k star	3.487					99% KM (Chebyshev) UCL	0.302

1591					Theta star	0.0727						
1592					Nu star	2532			Potential UCLs to Use			
1593					AppChi2	2416					95% KM (BCA) UCL	0.198
1594				95% Gamma Approximate UCL		0.266						
1595				95% Adjusted Gamma UCL		0.266						
1596	Note: DL/2 is not a recommended method.											
1597												
1598												
1599	Iron											
1600												
1601					General Statistics							
1602				Number of Valid Observations		33			Number of Distinct Observations			33
1603												
1604				Raw Statistics					Log-transformed Statistics			
1605					Minimum	32.7					Minimum of Log Data	3.487
1606					Maximum	25500					Maximum of Log Data	10.15
1607					Mean	5773					Mean of log Data	7.81
1608					Median	2400					SD of log Data	1.549
1609					SD	6636						
1610					Coefficient of Variation	1.15						
1611					Skewness	1.414						
1612												
1613					Relevant UCL Statistics							
1614				Normal Distribution Test					Lognormal Distribution Test			
1615					Shapiro Wilk Test Statistic	0.804					Shapiro Wilk Test Statistic	0.951
1616					Shapiro Wilk Critical Value	0.931					Shapiro Wilk Critical Value	0.931
1617				Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level			
1618												
1619				Assuming Normal Distribution					Assuming Lognormal Distribution			
1620					95% Student's-t UCL	7730					95% H-UCL	19504
1621				95% UCLs (Adjusted for Skewness)							95% Chebyshev (MVUE) UCL	19095
1622					95% Adjusted-CLT UCL	7977					97.5% Chebyshev (MVUE) UCL	24068
1623					95% Modified-t UCL	7777					99% Chebyshev (MVUE) UCL	33836
1624												
1625				Gamma Distribution Test					Data Distribution			
1626					k star (bias corrected)	0.665			Data appear Gamma Distributed at 5% Significance Level			
1627					Theta Star	8688						
1628					MLE of Mean	5773						
1629					MLE of Standard Deviation	7082						
1630					nu star	43.86						
1631					Approximate Chi Square Value (.05)	29.67			Nonparametric Statistics			
1632					Adjusted Level of Significance	0.0419					95% CLT UCL	7673
1633					Adjusted Chi Square Value	29.07					95% Jackknife UCL	7730
1634											95% Standard Bootstrap UCL	7645
1635					Anderson-Darling Test Statistic	0.56					95% Bootstrap-t UCL	8200
1636					Anderson-Darling 5% Critical Value	0.792					95% Hall's Bootstrap UCL	7971
1637					Kolmogorov-Smirnov Test Statistic	0.14					95% Percentile Bootstrap UCL	7784
1638					Kolmogorov-Smirnov 5% Critical Value	0.16					95% BCA Bootstrap UCL	8051
1639				Data appear Gamma Distributed at 5% Significance Level							95% Chebyshev(Mean, Sd) UCL	10808
1640											97.5% Chebyshev(Mean, Sd) UCL	12987
1641				Assuming Gamma Distribution							99% Chebyshev(Mean, Sd) UCL	17267
1642					95% Approximate Gamma UCL	8533						
1643					95% Adjusted Gamma UCL	8710						

1644												
1645				**Potential UCL to Use**						Use 95% Approximate Gamma UCL		8533
1646												
1647												
1648	**Lead**											
1649												
1650						**General Statistics**							
1651						Number of Valid Data	549				Number of Detected Data	465
1652						Number of Distinct Detected Data	382				Number of Non-Detect Data	84
1653											Percent Non-Detects	15.30%
1654												
1655				**Raw Statistics**						**Log-transformed Statistics**		
1656						Minimum Detected	1.38				Minimum Detected	0.322
1657						Maximum Detected	4430				Maximum Detected	8.396
1658						Mean of Detected	172.1				Mean of Detected	4.256
1659						SD of Detected	353.1				SD of Detected	1.403
1660						Minimum Non-Detect	3.66				Minimum Non-Detect	1.297
1661						Maximum Non-Detect	13.9				Maximum Non-Detect	2.632
1662												
1663	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	140
1664	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	409
1665	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	25.50%
1666												
1667						**UCL Statistics**							
1668				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1669						Lilliefors Test Statistic	0.314				Lilliefors Test Statistic	0.0447
1670						5% Lilliefors Critical Value	0.0411				5% Lilliefors Critical Value	0.0411
1671				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1672												
1673				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1674						DL/2 Substitution Method					DL/2 Substitution Method	
1675						Mean	146.6				Mean	3.875
1676						SD	330.4				SD	1.573
1677						95% DL/2 (t) UCL	169.9				95% H-Stat (DL/2) UCL	178.5
1678												
1679						Maximum Likelihood Estimate(MLE) Method					Log ROS Method	
1680						Mean	72.59				Mean in Log Scale	3.898
1681						SD	399.1				SD in Log Scale	1.552
1682						95% MLE (t) UCL	100.7				Mean in Original Scale	146.9
1683						95% MLE (Tiku) UCL	100.9				SD in Original Scale	330.3
1684											95% Percentile Bootstrap UCL	170.6
1685											95% BCA Bootstrap UCL	176.4
1686												
1687				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1688						k star (bias corrected)	0.677			**Data do not follow a Discernable Distribution (0.05)**		
1689						Theta Star	254					
1690						nu star	629.9					
1691												
1692						A-D Test Statistic	5.074			**Nonparametric Statistics**		
1693						5% A-D Critical Value	0.804			Kaplan-Meier (KM) Method		
1694						K-S Test Statistic	0.804				Mean	146.6
1695						5% K-S Critical Value	0.044				SD	330.1
1696				**Data not Gamma Distributed at 5% Significance Level**							SE of Mean	14.1

1697											95% KM (t) UCL	169.8
1698	Assuming Gamma Distribution										95% KM (z) UCL	169.8
1699	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	169.8
1700					Minimum	1E-09					95% KM (bootstrap t) UCL	177.4
1701					Maximum	4430					95% KM (BCA) UCL	170.5
1702					Mean	145.7					95% KM (Percentile Bootstrap) UCL	170.1
1703					Median	57.4					95% KM (Chebyshev) UCL	208.1
1704					SD	330.8					97.5% KM (Chebyshev) UCL	234.7
1705					k star	0.167					99% KM (Chebyshev) UCL	286.9
1706					Theta star	874.1						
1707					Nu star	183.1					Potential UCLs to Use	
1708					AppChi2	152.8					95% KM (Chebyshev) UCL	208.1
1709				95% Gamma Approximate UCL		174.6						
1710				95% Adjusted Gamma UCL		174.7						
1711	Note: DL/2 is not a recommended method.											
1712												
1713												
1714	Mercury											
1715												
1716	General Statistics											
1717				Number of Valid Data		526					Number of Detected Data	313
1718				Number of Distinct Detected Data		218					Number of Non-Detect Data	213
1719											Percent Non-Detects	40.49%
1720												
1721	Raw Statistics										Log-transformed Statistics	
1722				Minimum Detected		0.0183					Minimum Detected	-4.001
1723				Maximum Detected		20.8					Maximum Detected	3.035
1724				Mean of Detected		2.844					Mean of Detected	0.163
1725				SD of Detected		4.08					SD of Detected	1.416
1726				Minimum Non-Detect		0.00999					Minimum Non-Detect	-4.606
1727				Maximum Non-Detect		1.9					Maximum Non-Detect	0.642
1728												
1729	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	411
1730	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	115
1731	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	78.14%
1732												
1733	UCL Statistics											
1734	Normal Distribution Test with Detected Values Only										Lognormal Distribution Test with Detected Values Only	
1735				Lilliefors Test Statistic		0.244					Lilliefors Test Statistic	0.0663
1736				5% Lilliefors Critical Value		0.0501					5% Lilliefors Critical Value	0.0501
1737	Data not Normal at 5% Significance Level										Data not Lognormal at 5% Significance Level	
1738												
1739	Assuming Normal Distribution										Assuming Lognormal Distribution	
1740				DL/2 Substitution Method							DL/2 Substitution Method	
1741				Mean		1.81					Mean	-0.428
1742				SD		3.386					SD	1.342
1743				95% DL/2 (t) UCL		2.053					95% H-Stat (DL/2) UCL	1.802
1744												
1745				Maximum Likelihood Estimate(MLE) Method		N/A					Log ROS Method	
1746	MLE yields a negative mean										Mean in Log Scale	-0.574
1747											SD in Log Scale	1.52
1748											Mean in Original Scale	1.799
1749											SD in Original Scale	3.393

1750											95% Percentile Bootstrap UCL	2.048
1751											95% BCA Bootstrap UCL	2.068
1752												
1753	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1754					k star (bias corrected)	0.683	Data do not follow a Discernable Distribution (0.05)					
1755					Theta Star	4.165						
1756					nu star	427.3						
1757												
1758					A-D Test Statistic	6.547	Nonparametric Statistics					
1759					5% A-D Critical Value	0.803	Kaplan-Meier (KM) Method					
1760					K-S Test Statistic	0.803	Mean	1.797				
1761					5% K-S Critical Value	0.0535	SD	3.39				
1762	Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.148				
1763							95% KM (t) UCL	2.041				
1764	Assuming Gamma Distribution						95% KM (z) UCL	2.041				
1765				Gamma ROS Statistics using Extrapolated Data			95% KM (jackknife) UCL	2.041				
1766					Minimum	0.0183	95% KM (bootstrap t) UCL	2.059				
1767					Maximum	20.8	95% KM (BCA) UCL	2.039				
1768					Mean	2.805	95% KM (Percentile Bootstrap) UCL	2.057				
1769					Median	2.202	95% KM (Chebyshev) UCL	2.443				
1770					SD	3.169	97.5% KM (Chebyshev) UCL	2.723				
1771					k star	1.066	99% KM (Chebyshev) UCL	3.272				
1772					Theta star	2.631						
1773					Nu star	1121	Potential UCLs to Use					
1774					AppChi2	1045	95% KM (Chebyshev) UCL	2.443				
1775					95% Gamma Approximate UCL	3.011						
1776					95% Adjusted Gamma UCL	3.012						
1777	Note: DL/2 is not a recommended method.											
1778												
1779												
1780	Naphthalene											
1781												
1782	General Statistics											
1783					Number of Valid Data	365	Number of Detected Data	125				
1784					Number of Distinct Detected Data	103	Number of Non-Detect Data	240				
1785							Percent Non-Detects	65.75%				
1786												
1787	Raw Statistics						Log-transformed Statistics					
1788					Minimum Detected	0.00038	Minimum Detected	-7.875				
1789					Maximum Detected	129	Maximum Detected	4.86				
1790					Mean of Detected	7.261	Mean of Detected	-0.313				
1791					SD of Detected	17.74	SD of Detected	2.617				
1792					Minimum Non-Detect	0.3	Minimum Non-Detect	-1.204				
1793					Maximum Non-Detect	11.4	Maximum Non-Detect	2.434				
1794												
1795	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect	345				
1796	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected	20				
1797	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage	94.52%				
1798												
1799	UCL Statistics											
1800	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1801					Lilliefors Test Statistic	0.341	Lilliefors Test Statistic	0.0927				
1802					5% Lilliefors Critical Value	0.0792	5% Lilliefors Critical Value	0.0792				

	A	B	C	D	E	F	G	H	I	J	K	L
1803	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1804												
1805	Assuming Normal Distribution						Assuming Lognormal Distribution					
1806					DL/2 Substitution Method						DL/2 Substitution Method	
1807					Mean	2.7					Mean	-1.109
1808					SD	10.88					SD	1.706
1809					95% DL/2 (t) UCL	3.639					95% H-Stat (DL/2) UCL	2.069
1810												
1811					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1812	MLE yields a negative mean										Mean in Log Scale	-1.892
1813											SD in Log Scale	2.269
1814											Mean in Original Scale	2.589
1815											SD in Original Scale	10.89
1816											95% Percentile Bootstrap UCL	3.582
1817											95% BCA Bootstrap UCL	3.867
1818												
1819	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1820					k star (bias corrected)	0.298	Data do not follow a Discernable Distribution (0.05)					
1821					Theta Star	24.33						
1822					nu star	74.61						
1823												
1824					A-D Test Statistic	3.85	Nonparametric Statistics					
1825					5% A-D Critical Value	0.868					Kaplan-Meier (KM) Method	
1826					K-S Test Statistic	0.868					Mean	2.581
1827					5% K-S Critical Value	0.0901					SD	10.88
1828	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.572
1829											95% KM (t) UCL	3.524
1830	Assuming Gamma Distribution										95% KM (z) UCL	3.521
1831					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.521
1832					Minimum	0.00038					95% KM (bootstrap t) UCL	3.934
1833					Maximum	129					95% KM (BCA) UCL	3.568
1834					Mean	7.251					95% KM (Percentile Bootstrap) UCL	3.549
1835					Median	7.319					95% KM (Chebyshev) UCL	5.074
1836					SD	10.44					97.5% KM (Chebyshev) UCL	6.152
1837					k star	0.736					99% KM (Chebyshev) UCL	8.271
1838					Theta star	9.85						
1839					Nu star	537.4	Potential UCLs to Use					
1840					AppChi2	484.6					97.5% KM (Chebyshev) UCL	6.152
1841					95% Gamma Approximate UCL	8.041						
1842					95% Adjusted Gamma UCL	8.044						
1843	Note: DL/2 is not a recommended method.											
1844												
1845												
1846	n-Butylbenzene											
1847												
1848	General Statistics											
1849					Number of Valid Data	278					Number of Detected Data	141
1850					Number of Distinct Detected Data	86					Number of Non-Detect Data	137
1851											Percent Non-Detects	49.28%
1852												
1853	Raw Statistics						Log-transformed Statistics					
1854					Minimum Detected	0.00036					Minimum Detected	-7.929
1855					Maximum Detected	86.2					Maximum Detected	4.457

	A	B	C	D	E	F	G	H	I	J	K	L
1856					Mean of Detected	5.391					Mean of Detected	-0.757
1857					SD of Detected	11.68					SD of Detected	2.626
1858					Minimum Non-Detect	0.00009					Minimum Non-Detect	-9.316
1859					Maximum Non-Detect	0.67					Maximum Non-Detect	-0.4
1860												
1861	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	216
1862	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	62
1863	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	77.70%
1864												
1865	**UCL Statistics**											
1866	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1867					Lilliefors Test Statistic	0.322					Lilliefors Test Statistic	0.176
1868					5% Lilliefors Critical Value	0.0746					5% Lilliefors Critical Value	0.0746
1869	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1870												
1871	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1872					DL/2 Substitution Method						DL/2 Substitution Method	
1873					Mean	2.753					Mean	-2.23
1874					SD	8.726					SD	2.611
1875					95% DL/2 (t) UCL	3.617					95% H-Stat (DL/2) UCL	6.16
1876												
1877					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1878	**MLE yields a negative mean**										Mean in Log Scale	-2.394
1879											SD in Log Scale	2.839
1880											Mean in Original Scale	2.761
1881											SD in Original Scale	8.724
1882											95% Percentile Bootstrap UCL	3.722
1883											95% BCA Bootstrap UCL	3.914
1884												
1885	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1886					k star (bias corrected)	0.284	**Data do not follow a Discernable Distribution (0.05)**					
1887					Theta Star	19.01						
1888					nu star	79.95						
1889												
1890					A-D Test Statistic	7.32	**Nonparametric Statistics**					
1891					5% A-D Critical Value	0.875					Kaplan-Meier (KM) Method	
1892					K-S Test Statistic	0.875					Mean	2.748
1893					5% K-S Critical Value	0.0859					SD	8.712
1894	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.524
1895											95% KM (t) UCL	3.613
1896	**Assuming Gamma Distribution**										95% KM (z) UCL	3.61
1897					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.61
1898					Minimum	0.00036					95% KM (bootstrap t) UCL	3.922
1899					Maximum	86.2					95% KM (BCA) UCL	3.677
1900					Mean	5.583					95% KM (Percentile Bootstrap) UCL	3.658
1901					Median	4.185					95% KM (Chebyshev) UCL	5.034
1902					SD	8.443					97.5% KM (Chebyshev) UCL	6.023
1903					k star	0.498					99% KM (Chebyshev) UCL	7.965
1904					Theta star	11.21						
1905					Nu star	277	**Potential UCLs to Use**					
1906					AppChi2	239.4					97.5% KM (Chebyshev) UCL	6.023
1907					95% Gamma Approximate UCL	6.459						
1908					95% Adjusted Gamma UCL	6.464						

	A	B	C	D	E	F	G	H	I	J	K	L
1909	Note: DL/2 is not a recommended method.											
1910												
1911												
1912	n-Propylbenzene											
1913												
1914	General Statistics											
1915	Number of Valid Data					278	Number of Detected Data					124
1916	Number of Distinct Detected Data					67	Number of Non-Detect Data					154
1917							Percent Non-Detects					55.40%
1918												
1919	Raw Statistics						Log-transformed Statistics					
1920	Minimum Detected					0.007	Minimum Detected					-4.962
1921	Maximum Detected					31.3	Maximum Detected					3.444
1922	Mean of Detected					2.11	Mean of Detected					-1.349
1923	SD of Detected					4.802	SD of Detected					2.205
1924	Minimum Non-Detect					0.00006	Minimum Non-Detect					-9.721
1925	Maximum Non-Detect					6.6	Maximum Non-Detect					1.887
1926												
1927	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect					266
1928	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected					12
1929	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage					95.68%
1930												
1931	UCL Statistics											
1932	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1933	Lilliefors Test Statistic					0.331	Lilliefors Test Statistic					0.216
1934	5% Lilliefors Critical Value					0.0796	5% Lilliefors Critical Value					0.0796
1935	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1936												
1937	Assuming Normal Distribution						Assuming Lognormal Distribution					
1938	DL/2 Substitution Method						DL/2 Substitution Method					
1939	Mean					0.999	Mean					-2.571
1940	SD					3.363	SD					2.236
1941	95% DL/2 (t) UCL					1.332	95% H-Stat (DL/2) UCL					1.677
1942												
1943	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
1944	MLE method failed to converge properly						Mean in Log Scale					-2.706
1945							SD in Log Scale					2.239
1946							Mean in Original Scale					0.97
1947							SD in Original Scale					3.36
1948							95% Percentile Bootstrap UCL					1.309
1949							95% BCA Bootstrap UCL					1.411
1950												
1951	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1952	k star (bias corrected)					0.322	Data do not follow a Discernable Distribution (0.05)					
1953	Theta Star					6.546						
1954	nu star					79.93						
1955												
1956	A-D Test Statistic					8.268	Nonparametric Statistics					
1957	5% A-D Critical Value					0.862	Kaplan-Meier (KM) Method					
1958	K-S Test Statistic					0.862	Mean					0.961
1959	5% K-S Critical Value					0.0901	SD					3.358
1960	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.202
1961							95% KM (t) UCL					1.295

	A	B	C	D	E	F	G	H	I	J	K	L
1962	**Assuming Gamma Distribution**										95% KM (z) UCL	1.294
1963	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	1.293
1964					Minimum	1E-09					95% KM (bootstrap t) UCL	1.434
1965					Maximum	31.3					95% KM (BCA) UCL	1.314
1966					Mean	2.007					95% KM (Percentile Bootstrap) UCL	1.324
1967					Median	1.852					95% KM (Chebyshev) UCL	1.843
1968					SD	3.257					97.5% KM (Chebyshev) UCL	2.224
1969					k star	0.412					99% KM (Chebyshev) UCL	2.974
1970					Theta star	4.874						
1971					Nu star	228.9	**Potential UCLs to Use**					
1972					AppChi2	194.9					97.5% KM (Chebyshev) UCL	2.224
1973				95% Gamma Approximate UCL		2.357						
1974				95% Adjusted Gamma UCL		2.359						
1975	**Note: DL/2 is not a recommended method.**											
1976												
1977												
1978	**Vanadium**											
1979												
1980	**General Statistics**											
1981	Number of Valid Data					36	Number of Detected Data					32
1982	Number of Distinct Detected Data					32	Number of Non-Detect Data					4
1983							Percent Non-Detects					11.11%
1984												
1985	**Raw Statistics**						**Log-transformed Statistics**					
1986	Minimum Detected					1.22	Minimum Detected					0.199
1987	Maximum Detected					99.1	Maximum Detected					4.596
1988	Mean of Detected					19.18	Mean of Detected					2.235
1989	SD of Detected					22.95	SD of Detected					1.293
1990	Minimum Non-Detect					13	Minimum Non-Detect					2.565
1991	Maximum Non-Detect					22	Maximum Non-Detect					3.091
1992												
1993	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect					26
1994	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected					10
1995	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage					72.22%
1996												
1997	**UCL Statistics**											
1998	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1999	Shapiro Wilk Test Statistic					0.762	Shapiro Wilk Test Statistic					0.931
2000	5% Shapiro Wilk Critical Value					0.93	5% Shapiro Wilk Critical Value					0.93
2001	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
2002												
2003	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
2004	DL/2 Substitution Method						DL/2 Substitution Method					
2005	Mean					17.93	Mean					2.214
2006	SD					21.9	SD					1.22
2007	95% DL/2 (t) UCL					24.09	95% H-Stat (DL/2) UCL					29.73
2008												
2009	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
2010	**MLE yields a negative mean**						Mean in Log Scale					2.144
2011							SD in Log Scale					1.248
2012							Mean in Original Scale					17.53
2013							SD in Original Scale					22.11
2014							95% Percentile Bootstrap UCL					23.87

2015											95% BCA Bootstrap UCL	24.74
2016												
2017				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
2018					k star (bias corrected)	0.766					Data appear Lognormal at 5% Significance Level	
2019					Theta Star	25.03						
2020					nu star	49.05						
2021												
2022					A-D Test Statistic	0.844					Nonparametric Statistics	
2023					5% A-D Critical Value	0.784					Kaplan-Meier (KM) Method	
2024					K-S Test Statistic	0.784					Mean	17.58
2025					5% K-S Critical Value	0.161					SD	21.82
2026				Data not Gamma Distributed at 5% Significance Level							SE of Mean	3.703
2027											95% KM (t) UCL	23.84
2028				Assuming Gamma Distribution							95% KM (z) UCL	23.68
2029					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	23.83
2030					Minimum	0.0875					95% KM (bootstrap t) UCL	25.49
2031					Maximum	99.1					95% KM (BCA) UCL	23.73
2032					Mean	17.87					95% KM (Percentile Bootstrap) UCL	23.98
2033					Median	11.75					95% KM (Chebyshev) UCL	33.73
2034					SD	21.99					97.5% KM (Chebyshev) UCL	40.71
2035					k star	0.72					99% KM (Chebyshev) UCL	54.43
2036					Theta star	24.82						
2037					Nu star	51.84					Potential UCLs to Use	
2038					AppChi2	36.3					97.5% KM (Chebyshev) UCL	40.71
2039					95% Gamma Approximate UCL	25.51						
2040					95% Adjusted Gamma UCL	25.94						
2041	Note: DL/2 is not a recommended method.											
2042												
2043												
2044												
2045												
2046												
2047												
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2063												
2064												
2065												
2066												
2067												

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		From File		C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Excavation_Files\ProUCL_In								
4		Full Precision		OFF								
5		Confidence Coefficient		95%								
6		Number of Bootstrap Operations		2000								
7												
8												
9	1,2,4-Trimethylbenzene											
10					General Statistics							
11				Number of Valid Data	466			Number of Detected Data	326			
12				Number of Distinct Detected Data	86			Number of Non-Detect Data	140			
13								Percent Non-Detects	30.04%			
14												
15				Raw Statistics				Log-transformed Statistics				
16				Minimum Detected	0.00016			Minimum Detected	-8.74			
17				Maximum Detected	3.2			Maximum Detected	1.163			
18				Mean of Detected	0.0991			Mean of Detected	-3.422			
19				SD of Detected	0.342			SD of Detected	1.076			
20				Minimum Non-Detect	0.00011			Minimum Non-Detect	-9.115			
21				Maximum Non-Detect	0.07			Maximum Non-Detect	-2.659			
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended							Number treated as Non-Detect	422			
24	For all methods (except KM, DL/2, and ROS Methods),							Number treated as Detected	44			
25	Observations < Largest ND are treated as NDs							Single DL Non-Detect Percentage	90.56%			
26												
27					UCL Statistics							
28				Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only				
29				Lilliefors Test Statistic	0.406			Lilliefors Test Statistic	0.256			
30				5% Lilliefors Critical Value	0.0491			5% Lilliefors Critical Value	0.0491			
31				Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level				
32												
33				Assuming Normal Distribution				Assuming Lognormal Distribution				
34				DL/2 Substitution Method				DL/2 Substitution Method				
35				Mean	0.0771			Mean	-3.67			
36				SD	0.288			SD	1.459			
37				95% DL/2 (t) UCL	0.0991			95% H-Stat (DL/2) UCL	0.113			
38												
39				Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method				
40				MLE yields a negative mean				Mean in Log Scale	-3.602			
41								SD in Log Scale	1.073			
42								Mean in Original Scale	0.0772			
43								SD in Original Scale	0.288			
44								95% Percentile Bootstrap UCL	0.1			
45								95% BCA Bootstrap UCL	0.108			
46												
47				Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only				
48				k star (bias corrected)	0.559			Data do not follow a Discernable Distribution (0.05)				
49				Theta Star	0.177							
50				nu star	364.5							
51												
52				A-D Test Statistic	55.05			Nonparametric Statistics				
53				5% A-D Critical Value	0.816			Kaplan-Meier (KM) Method				

54				K-S Test Statistic	0.816					Mean	0.0756
55				5% K-S Critical Value	0.053					SD	0.288
56				Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.0134
57										95% KM (t) UCL	0.0977
58				Assuming Gamma Distribution						95% KM (z) UCL	0.0976
59				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0972
60				Minimum	0.00016					95% KM (bootstrap t) UCL	0.105
61				Maximum	3.2					95% KM (BCA) UCL	0.102
62				Mean	0.0988					95% KM (Percentile Bootstrap) UCL	0.0998
63				Median	0.0305					95% KM (Chebyshev) UCL	0.134
64				SD	0.286					97.5% KM (Chebyshev) UCL	0.159
65				k star	0.764					99% KM (Chebyshev) UCL	0.209
66				Theta star	0.129						
67				Nu star	712.4					Potential UCLs to Use	
68				AppChi2	651.4					95% KM (Chebyshev) UCL	0.134
69				95% Gamma Approximate UCL	0.108						
70				95% Adjusted Gamma UCL	0.108						
71	Note: DL/2 is not a recommended method.										
72											
73											
74	1-Methyl Naphthalene										
75					General Statistics						
76				Number of Valid Data	138					Number of Detected Data	18
77				Number of Distinct Detected Data	18					Number of Non-Detect Data	120
78										Percent Non-Detects	86.96%
79											
80				Raw Statistics						Log-transformed Statistics	
81				Minimum Detected	0.42					Minimum Detected	-0.868
82				Maximum Detected	26.9					Maximum Detected	3.292
83				Mean of Detected	4.339					Mean of Detected	0.736
84				SD of Detected	6.459					SD of Detected	1.208
85				Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
86				Maximum Non-Detect	1.72					Maximum Non-Detect	0.542
87											
88	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	128
89	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	10
90	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	92.75%
91											
92					UCL Statistics						
93				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
94				Shapiro Wilk Test Statistic	0.625					Shapiro Wilk Test Statistic	0.943
95				5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
96				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level	
97											
98				Assuming Normal Distribution						Assuming Lognormal Distribution	
99				DL/2 Substitution Method						DL/2 Substitution Method	
100				Mean	0.722					Mean	-1.418
101				SD	2.675					SD	0.951
102				95% DL/2 (t) UCL	1.099					95% H-Stat (DL/2) UCL	0.367
103											
104				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
105				MLE yields a negative mean						Mean in Log Scale	-4.195
106										SD in Log Scale	2.79

107										Mean in Original Scale		0.596
108										SD in Original Scale		2.701
109										95% Percentile Bootstrap UCL		1.02
110										95% BCA Bootstrap UCL		1.184
111												
112			Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only		
113					k star (bias corrected)	0.712				Data appear Gamma Distributed at 5% Significance Level		
114					Theta Star	6.092						
115					nu star	25.64						
116												
117					A-D Test Statistic	0.752				Nonparametric Statistics		
118					5% A-D Critical Value	0.775				Kaplan-Meier (KM) Method		
119					K-S Test Statistic	0.775				Mean		0.931
120					5% K-S Critical Value	0.211				SD		2.623
121			Data appear Gamma Distributed at 5% Significance Level							SE of Mean		0.23
122										95% KM (t) UCL		1.312
123			Assuming Gamma Distribution							95% KM (z) UCL		1.309
124					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		1.245
125					Minimum	0.42				95% KM (bootstrap t) UCL		1.829
126					Maximum	26.9				95% KM (BCA) UCL		1.528
127					Mean	4.135				95% KM (Percentile Bootstrap) UCL		1.408
128					Median	4.091				95% KM (Chebyshev) UCL		1.933
129					SD	2.388				97.5% KM (Chebyshev) UCL		2.366
130					k star	4.528				99% KM (Chebyshev) UCL		3.218
131					Theta star	0.913						
132					Nu star	1250				Potential UCLs to Use		
133					AppChi2	1169				95% KM (t) UCL		1.312
134					95% Gamma Approximate UCL	4.422						
135					95% Adjusted Gamma UCL	4.425						
136	Note: DL/2 is not a recommended method.											
137												
138												
139	Aluminum											
140						General Statistics						
141					Number of Valid Observations	34				Number of Distinct Observations		34
142												
143					Raw Statistics					Log-transformed Statistics		
144					Minimum	462				Minimum of Log Data		6.136
145					Maximum	24500				Maximum of Log Data		10.11
146					Mean	3295				Mean of log Data		7.822
147					Median	2555				SD of log Data		0.688
148					SD	3953						
149					Coefficient of Variation	1.2						
150					Skewness	4.942						
151												
152						Relevant UCL Statistics						
153					Normal Distribution Test					Lognormal Distribution Test		
154					Shapiro Wilk Test Statistic	0.453				Shapiro Wilk Test Statistic		0.916
155					Shapiro Wilk Critical Value	0.933				Shapiro Wilk Critical Value		0.933
156					Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level		
157												
158					Assuming Normal Distribution					Assuming Lognormal Distribution		
159					95% Student's-t UCL	4442				95% H-UCL		4065

160	95% UCLs (Adjusted for Skewness)									95% Chebyshev (MVUE) UCL		4876
161				95% Adjusted-CLT UCL	5024					97.5% Chebyshev (MVUE) UCL		5631
162				95% Modified-t UCL	4538					99% Chebyshev (MVUE) UCL		7113
163												
164	Gamma Distribution Test									Data Distribution		
165				k star (bias corrected)	1.794					Data do not follow a Discernable Distribution (0.05)		
166				Theta Star	1837							
167				MLE of Mean	3295							
168				MLE of Standard Deviation	2460							
169				nu star	122							
170				Approximate Chi Square Value (.05)	97.46					Nonparametric Statistics		
171				Adjusted Level of Significance	0.0422					95% CLT UCL		4410
172				Adjusted Chi Square Value	96.38					95% Jackknife UCL		4442
173										95% Standard Bootstrap UCL		4390
174				Anderson-Darling Test Statistic	1.711					95% Bootstrap-t UCL		6665
175				Anderson-Darling 5% Critical Value	0.76					95% Hall's Bootstrap UCL		9095
176				Kolmogorov-Smirnov Test Statistic	0.182					95% Percentile Bootstrap UCL		4552
177				Kolmogorov-Smirnov 5% Critical Value	0.153					95% BCA Bootstrap UCL		5215
178	Data not Gamma Distributed at 5% Significance Level									95% Chebyshev(Mean, Sd) UCL		6250
179										97.5% Chebyshev(Mean, Sd) UCL		7529
180	Assuming Gamma Distribution									99% Chebyshev(Mean, Sd) UCL		10041
181				95% Approximate Gamma UCL	4124							
182				95% Adjusted Gamma UCL	4170							
183												
184	Potential UCL to Use									Use 95% Chebyshev (Mean, Sd) UCL		6250
185												
186												
187	Antimony											
188	General Statistics											
189				Number of Valid Data	38					Number of Detected Data		25
190				Number of Distinct Detected Data	22					Number of Non-Detect Data		13
191										Percent Non-Detects		34.21%
192												
193	Raw Statistics									Log-transformed Statistics		
194				Minimum Detected	0.023					Minimum Detected		-3.772
195				Maximum Detected	22					Maximum Detected		3.091
196				Mean of Detected	1.216					Mean of Detected		-2.258
197				SD of Detected	4.407					SD of Detected		1.754
198				Minimum Non-Detect	1.1					Minimum Non-Detect		0.0953
199				Maximum Non-Detect	40					Maximum Non-Detect		3.689
200												
201	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		38
202	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
203	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
204												
205	UCL Statistics											
206	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
207				Shapiro Wilk Test Statistic	0.297					Shapiro Wilk Test Statistic		0.731
208				5% Shapiro Wilk Critical Value	0.918					5% Shapiro Wilk Critical Value		0.918
209	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level		
210												
211	Assuming Normal Distribution									Assuming Lognormal Distribution		
212				DL/2 Substitution Method						DL/2 Substitution Method		

213				Mean	2.57					Mean	-1.227	
214				SD	5.398					SD	2.19	
215				95% DL/2 (t) UCL	4.047					95% H-Stat (DL/2) UCL	15.72	
216												
217				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
218				**MLE method failed to converge properly**						Mean in Log Scale	-2.349	
219										SD in Log Scale	1.458	
220										Mean in Original Scale	0.832	
221										SD in Original Scale	3.591	
222										95% Percentile Bootstrap UCL	1.924	
223										95% BCA Bootstrap UCL	3.079	
224												
225				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
226				k star (bias corrected)	0.276					**Data do not follow a Discernable Distribution (0.05)**		
227				Theta Star	4.403							
228				nu star	13.81							
229												
230				A-D Test Statistic	4.834					**Nonparametric Statistics**		
231				5% A-D Critical Value	0.859					Kaplan-Meier (KM) Method		
232				K-S Test Statistic	0.859					Mean	0.895	
233				5% K-S Critical Value	0.19					SD	3.641	
234				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.621	
235										95% KM (t) UCL	1.942	
236				**Assuming Gamma Distribution**						95% KM (z) UCL	1.916	
237				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.937	
238				Minimum	1E-09					95% KM (bootstrap t) UCL	9.011	
239				Maximum	22					95% KM (BCA) UCL	2.124	
240				Mean	1.029					95% KM (Percentile Bootstrap) UCL	2.048	
241				Median	0.056					95% KM (Chebyshev) UCL	3.602	
242				SD	3.594					97.5% KM (Chebyshev) UCL	4.773	
243				k star	0.178					99% KM (Chebyshev) UCL	7.074	
244				Theta star	5.768							
245				Nu star	13.55					**Potential UCLs to Use**		
246				AppChi2	6.267					99% KM (Chebyshev) UCL	7.074	
247				95% Gamma Approximate UCL	2.225							
248				95% Adjusted Gamma UCL	2.3							
249	**Note: DL/2 is not a recommended method.**											
250												
251												
252	**Aroclor-1254**											
253							**General Statistics**					
254				Number of Valid Data	796					Number of Detected Data	466	
255				Number of Distinct Detected Data	203					Number of Non-Detect Data	330	
256										Percent Non-Detects	41.46%	
257												
258				**Raw Statistics**						**Log-transformed Statistics**		
259				Minimum Detected	0.0032					Minimum Detected	-5.745	
260				Maximum Detected	109					Maximum Detected	4.691	
261				Mean of Detected	1.586					Mean of Detected	0.0174	
262				SD of Detected	5.205					SD of Detected	1.043	
263				Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377	
264				Maximum Non-Detect	12					Maximum Non-Detect	2.485	
265												

	A	B	C	D	E	F	G	H	I	J	K	L
266	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	793
267	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
268	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.62%
269												
270	UCL Statistics											
271	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
272					Lilliefors Test Statistic	0.383					Lilliefors Test Statistic	0.409
273					5% Lilliefors Critical Value	0.041					5% Lilliefors Critical Value	0.041
274	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
275												
276	Assuming Normal Distribution						Assuming Lognormal Distribution					
277					DL/2 Substitution Method						DL/2 Substitution Method	
278					Mean	1.297					Mean	-0.382
279					SD	4.013					SD	1.582
280					95% DL/2 (t) UCL	1.531					95% H-Stat (DL/2) UCL	3.398
281												
282					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
283	MLE yields a negative mean										Mean in Log Scale	-0.233
284											SD in Log Scale	0.948
285											Mean in Original Scale	1.21
286											SD in Original Scale	4.015
287											95% Percentile Bootstrap UCL	1.486
288											95% BCA Bootstrap UCL	1.641
289												
290	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
291					k star (bias corrected)	1.261	Data do not follow a Discernable Distribution (0.05)					
292					Theta Star	1.258						
293					nu star	1175						
294												
295					A-D Test Statistic	2.146E+28	Nonparametric Statistics					
296					5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method	
297					K-S Test Statistic	0.778					Mean	1.222
298					5% K-S Critical Value	0.0431					SD	4.022
299	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.143
300											95% KM (t) UCL	1.458
301	Assuming Gamma Distribution										95% KM (z) UCL	1.458
302					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.458
303					Minimum	1E-09					95% KM (bootstrap t) UCL	2.038
304					Maximum	109					95% KM (BCA) UCL	1.516
305					Mean	1.493					95% KM (Percentile Bootstrap) UCL	1.5
306					Median	1.21					95% KM (Chebyshev) UCL	1.847
307					SD	4.032					97.5% KM (Chebyshev) UCL	2.117
308					k star	0.742					99% KM (Chebyshev) UCL	2.648
309					Theta star	2.014						
310					Nu star	1180	Potential UCLs to Use					
311					AppChi2	1102					95% KM (Chebyshev) UCL	1.847
312					95% Gamma Approximate UCL	1.6						
313					95% Adjusted Gamma UCL	1.6						
314	Note: DL/2 is not a recommended method.											
315												
316												
317	Aroclor-1260											
318	General Statistics											

319				Number of Valid Data	796					Number of Detected Data	444	
320				Number of Distinct Detected Data	190					Number of Non-Detect Data	352	
321										Percent Non-Detects	44.22%	
322												
323				**Raw Statistics**						**Log-transformed Statistics**		
324				Minimum Detected	0.0605					Minimum Detected	-2.805	
325				Maximum Detected	785					Maximum Detected	6.666	
326				Mean of Detected	4.239					Mean of Detected	0.178	
327				SD of Detected	39.14					SD of Detected	0.935	
328				Minimum Non-Detect	0.00209					Minimum Non-Detect	-6.171	
329				Maximum Non-Detect	12					Maximum Non-Detect	2.485	
330												
331	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	788	
332	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	8	
333	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	98.99%	
334												
335				**UCL Statistics**								
336				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
337				Lilliefors Test Statistic	0.481					Lilliefors Test Statistic	0.372	
338				5% Lilliefors Critical Value	0.042					5% Lilliefors Critical Value	0.042	
339				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
340												
341				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
342				DL/2 Substitution Method						DL/2 Substitution Method		
343				Mean	2.738					Mean	-0.393	
344				SD	29.27					SD	1.677	
345				95% DL/2 (t) UCL	4.446					95% H-Stat (DL/2) UCL	4.086	
346												
347				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
348				**MLE yields a negative mean**						Mean in Log Scale	-0.114	
349										SD in Log Scale	0.872	
350										Mean in Original Scale	2.693	
351										SD in Original Scale	29.27	
352										95% Percentile Bootstrap UCL	4.65	
353										95% BCA Bootstrap UCL	6.196	
354												
355				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
356				k star (bias corrected)	0.5					**Data do not follow a Discernable Distribution (0.05)**		
357				Theta Star	8.486							
358				nu star	443.6							
359												
360				A-D Test Statistic	2.252E+28					**Nonparametric Statistics**		
361				5% A-D Critical Value	0.823					Kaplan-Meier (KM) Method		
362				K-S Test Statistic	0.823					Mean	2.667	
363				5% K-S Critical Value	0.0456					SD	29.25	
364				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	1.038	
365										95% KM (t) UCL	4.377	
366				**Assuming Gamma Distribution**						95% KM (z) UCL	4.375	
367				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	4.376	
368				Minimum	1E-09					95% KM (bootstrap t) UCL	9.442	
369				Maximum	785					95% KM (BCA) UCL	4.548	
370				Mean	4.265					95% KM (Percentile Bootstrap) UCL	4.469	
371				Median	1.21					95% KM (Chebyshev) UCL	7.192	

372					SD	29.49				97.5% KM (Chebyshev) UCL		9.15
373					k star	0.138				99% KM (Chebyshev) UCL		13
374					Theta star	30.87						
375					Nu star	220				**Potential UCLs to Use**		
376					AppChi2	186.7				95% KM (t) UCL		4.377
377					95% Gamma Approximate UCL	5.027				95% KM (% Bootstrap) UCL		4.469
378					95% Adjusted Gamma UCL	5.028						
379	**Note: DL/2 is not a recommended method.**											
380												
381												
382	**Aroclor-1268**											
383					**General Statistics**							
384					Number of Valid Data	787				Number of Detected Data		551
385					Number of Distinct Detected Data	315				Number of Non-Detect Data		236
386										Percent Non-Detects		29.99%
387												
388					**Raw Statistics**					**Log-transformed Statistics**		
389					Minimum Detected	0.0036				Minimum Detected		-5.627
390					Maximum Detected	240				Maximum Detected		5.481
391					Mean of Detected	4.343				Mean of Detected		0.347
392					SD of Detected	14.16				SD of Detected		1.413
393					Minimum Non-Detect	0.00209				Minimum Non-Detect		-6.171
394					Maximum Non-Detect	3.36				Maximum Non-Detect		1.212
395												
396	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		700
397	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		87
398	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		88.95%
399												
400					**UCL Statistics**							
401					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
402					Lilliefors Test Statistic	0.38				Lilliefors Test Statistic		0.275
403					5% Lilliefors Critical Value	0.0377				5% Lilliefors Critical Value		0.0377
404					**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**		
405												
406					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
407					DL/2 Substitution Method					DL/2 Substitution Method		
408					Mean	3.348				Mean		0.133
409					SD	11.95				SD		1.446
410					95% DL/2 (t) UCL	4.049				95% H-Stat (DL/2) UCL		4.228
411												
412					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
413					**MLE yields a negative mean**					Mean in Log Scale		0.0696
414										SD in Log Scale		1.36
415										Mean in Original Scale		3.282
416										SD in Original Scale		11.96
417										95% Percentile Bootstrap UCL		4.079
418										95% BCA Bootstrap UCL		4.254
419												
420					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		
421					k star (bias corrected)	0.555				**Data do not follow a Discernable Distribution (0.05)**		
422					Theta Star	7.824						
423					nu star	611.8						
424												

425				A-D Test Statistic	58.85		**Nonparametric Statistics**					
426				5% A-D Critical Value	0.817					Kaplan-Meier (KM) Method		
427				K-S Test Statistic	0.817					Mean		3.304
428				5% K-S Critical Value	0.0414					SD		11.95
429	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean		0.427
430										95% KM (t) UCL		4.007
431	**Assuming Gamma Distribution**									95% KM (z) UCL		4.006
432				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		4.007
433				Minimum	0.0036					95% KM (bootstrap t) UCL		4.4
434				Maximum	240					95% KM (BCA) UCL		4.023
435				Mean	4.225					95% KM (Percentile Bootstrap) UCL		4.046
436				Median	2.158					95% KM (Chebyshev) UCL		5.164
437				SD	11.87					97.5% KM (Chebyshev) UCL		5.968
438				k star	0.743					99% KM (Chebyshev) UCL		7.548
439				Theta star	5.683							
440				Nu star	1170		**Potential UCLs to Use**					
441				AppChi2	1092					95% KM (Chebyshev) UCL		5.164
442				95% Gamma Approximate UCL	4.528							
443				95% Adjusted Gamma UCL	4.529							
444	**Note: DL/2 is not a recommended method.**											
445												
446												
447	**Arsenic**											
448							**General Statistics**					
449				Number of Valid Data	35					Number of Detected Data		15
450				Number of Distinct Detected Data	15					Number of Non-Detect Data		20
451										Percent Non-Detects		57.14%
452												
453				**Raw Statistics**						**Log-transformed Statistics**		
454				Minimum Detected	0.26					Minimum Detected		-1.347
455				Maximum Detected	13.3					Maximum Detected		2.588
456				Mean of Detected	2.314					Mean of Detected		-0.13
457				SD of Detected	3.937					SD of Detected		1.308
458				Minimum Non-Detect	0.18					Minimum Non-Detect		-1.715
459				Maximum Non-Detect	6					Maximum Non-Detect		1.792
460												
461	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		33
462	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
463	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		94.29%
464												
465							**UCL Statistics**					
466	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
467				Shapiro Wilk Test Statistic	0.58					Shapiro Wilk Test Statistic		0.807
468				5% Shapiro Wilk Critical Value	0.881					5% Shapiro Wilk Critical Value		0.881
469	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
470												
471	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
472				DL/2 Substitution Method						DL/2 Substitution Method		
473				Mean	1.447					Mean		-0.441
474				SD	2.685					SD		1.217
475				95% DL/2 (t) UCL	2.214					95% H-Stat (DL/2) UCL		1.875
476												
477				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		

478	MLE method failed to converge properly									Mean in Log Scale		-1.184
479										SD in Log Scale		1.389
480										Mean in Original Scale		1.096
481										SD in Original Scale		2.745
482										95% Percentile Bootstrap UCL		1.897
483										95% BCA Bootstrap UCL		2.307
484												
485	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
486				k star (bias corrected)	0.55					Data do not follow a Discernable Distribution (0.05)		
487				Theta Star	4.204							
488				nu star	16.51							
489												
490				A-D Test Statistic	1.753					Nonparametric Statistics		
491				5% A-D Critical Value	0.784					Kaplan-Meier (KM) Method		
492				K-S Test Statistic	0.784					Mean		1.188
493				5% K-S Critical Value	0.232					SD		2.68
494	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.47
495										95% KM (t) UCL		1.983
496	Assuming Gamma Distribution									95% KM (z) UCL		1.961
497			Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL		1.962
498				Minimum	1E-09					95% KM (bootstrap t) UCL		4.226
499				Maximum	13.3					95% KM (BCA) UCL		2.149
500				Mean	1.91					95% KM (Percentile Bootstrap) UCL		1.982
501				Median	0.53					95% KM (Chebyshev) UCL		3.237
502				SD	2.851					97.5% KM (Chebyshev) UCL		4.124
503				k star	0.169					99% KM (Chebyshev) UCL		5.865
504				Theta star	11.29							
505				Nu star	11.85					Potential UCLs to Use		
506				AppChi2	5.127					95% KM (BCA) UCL		2.149
507				95% Gamma Approximate UCL	4.415							
508				95% Adjusted Gamma UCL	4.603							
509	Note: DL/2 is not a recommended method.											
510												
511												
512	Benzo(a)anthracene											
513						General Statistics						
514				Number of Valid Data	504					Number of Detected Data		348
515				Number of Distinct Detected Data	188					Number of Non-Detect Data		156
516										Percent Non-Detects		30.95%
517												
518			Raw Statistics							Log-transformed Statistics		
519				Minimum Detected	0.00068					Minimum Detected		-7.293
520				Maximum Detected	82.6					Maximum Detected		4.414
521				Mean of Detected	1.04					Mean of Detected		-1.319
522				SD of Detected	4.883					SD of Detected		1.403
523				Minimum Non-Detect	0.00048					Minimum Non-Detect		-7.642
524				Maximum Non-Detect	6.84					Maximum Non-Detect		1.923
525												
526	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		495
527	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		9
528	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		98.21%
529												
530	UCL Statistics											

	A	B	C	D	E	F	G	H	I	J	K	L
531	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
532					Lilliefors Test Statistic	0.416					Lilliefors Test Statistic	0.297
533					5% Lilliefors Critical Value	0.0475					5% Lilliefors Critical Value	0.0475
534	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
535												
536	Assuming Normal Distribution						Assuming Lognormal Distribution					
537					DL/2 Substitution Method						DL/2 Substitution Method	
538					Mean	0.794					Mean	-1.448
539					SD	4.079					SD	1.279
540					95% DL/2 (t) UCL	1.094					95% H-Stat (DL/2) UCL	0.733
541												
542					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
543	MLE yields a negative mean										Mean in Log Scale	-1.487
544											SD in Log Scale	1.269
545											Mean in Original Scale	0.78
546											SD in Original Scale	4.075
547											95% Percentile Bootstrap UCL	1.1
548											95% BCA Bootstrap UCL	1.321
549												
550	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
551					k star (bias corrected)	0.47	Data do not follow a Discernable Distribution (0.05)					
552					Theta Star	2.216						
553					nu star	326.8						
554												
555					A-D Test Statistic	2.874E+28	Nonparametric Statistics					
556					5% A-D Critical Value	0.829					Kaplan-Meier (KM) Method	
557					K-S Test Statistic	0.829					Mean	0.773
558					5% K-S Critical Value	0.0518					SD	4.072
559	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.182
560											95% KM (t) UCL	1.072
561	Assuming Gamma Distribution										95% KM (z) UCL	1.071
562					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.072
563					Minimum	0.00068					95% KM (bootstrap t) UCL	1.439
564					Maximum	82.6					95% KM (BCA) UCL	1.123
565					Mean	1.03					95% KM (Percentile Bootstrap) UCL	1.122
566					Median	0.339					95% KM (Chebyshev) UCL	1.564
567					SD	4.063					97.5% KM (Chebyshev) UCL	1.907
568					k star	0.63					99% KM (Chebyshev) UCL	2.58
569					Theta star	1.636						
570					Nu star	634.9	Potential UCLs to Use					
571					AppChi2	577.5					95% KM (Chebyshev) UCL	1.564
572					95% Gamma Approximate UCL	1.133						
573					95% Adjusted Gamma UCL	1.133						
574	Note: DL/2 is not a recommended method.											
575												
576												
577	Benzo(a)pyrene											
578					General Statistics							
579					Number of Valid Data	505					Number of Detected Data	343
580					Number of Distinct Detected Data	175					Number of Non-Detect Data	162
581											Percent Non-Detects	32.08%
582												
583	Raw Statistics						Log-transformed Statistics					

584				Minimum Detected	0.00052					Minimum Detected	-7.562	
585				Maximum Detected	38.2					Maximum Detected	3.643	
586				Mean of Detected	0.762					Mean of Detected	-1.384	
587				SD of Detected	2.546					SD of Detected	1.348	
588				Minimum Non-Detect	0.00014					Minimum Non-Detect	-8.874	
589				Maximum Non-Detect	6.84					Maximum Non-Detect	1.923	
590												
591	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	499	
592	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	6	
593	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	98.81%	
594												
595	**UCL Statistics**											
596	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
597				Lilliefors Test Statistic	0.382					Lilliefors Test Statistic	0.312	
598				5% Lilliefors Critical Value	0.0478					5% Lilliefors Critical Value	0.0478	
599	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
600												
601	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
602				DL/2 Substitution Method						DL/2 Substitution Method		
603				Mean	0.596					Mean	-1.5	
604				SD	2.124					SD	1.255	
605				95% DL/2 (t) UCL	0.752					95% H-Stat (DL/2) UCL	0.675	
606												
607				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
608	**MLE yields a negative mean**									Mean in Log Scale	-1.533	
609										SD in Log Scale	1.21	
610										Mean in Original Scale	0.582	
611										SD in Original Scale	2.115	
612										95% Percentile Bootstrap UCL	0.741	
613										95% BCA Bootstrap UCL	0.803	
614												
615	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
616				k star (bias corrected)	0.558		**Data do not follow a Discernable Distribution (0.05)**					
617				Theta Star	1.366							
618				nu star	382.8							
619												
620				A-D Test Statistic	55.29		**Nonparametric Statistics**					
621				5% A-D Critical Value	0.816					Kaplan-Meier (KM) Method		
622				K-S Test Statistic	0.816					Mean	0.574	
623				5% K-S Critical Value	0.0517					SD	2.114	
624	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.0943	
625										95% KM (t) UCL	0.729	
626	**Assuming Gamma Distribution**									95% KM (z) UCL	0.729	
627				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.729	
628				Minimum	0.00052					95% KM (bootstrap t) UCL	0.839	
629				Maximum	38.2					95% KM (BCA) UCL	0.754	
630				Mean	0.76					95% KM (Percentile Bootstrap) UCL	0.741	
631				Median	0.26					95% KM (Chebyshev) UCL	0.985	
632				SD	2.098					97.5% KM (Chebyshev) UCL	1.163	
633				k star	0.779					99% KM (Chebyshev) UCL	1.512	
634				Theta star	0.976							
635				Nu star	787		**Potential UCLs to Use**					
636				AppChi2	722.9					95% KM (Chebyshev) UCL	0.985	

637				95% Gamma Approximate UCL		0.828						
638				95% Adjusted Gamma UCL		0.828						
639	Note: DL/2 is not a recommended method.											
640												
641												
642	Benzo(b)fluoranthene											
643					General Statistics							
644				Number of Valid Data		494				Number of Detected Data		338
645				Number of Distinct Detected Data		163				Number of Non-Detect Data		156
646										Percent Non-Detects		31.58%
647												
648				Raw Statistics						Log-transformed Statistics		
649				Minimum Detected		0.00064				Minimum Detected		-7.354
650				Maximum Detected		27.6				Maximum Detected		3.318
651				Mean of Detected		0.605				Mean of Detected		-1.464
652				SD of Detected		1.905				SD of Detected		1.237
653				Minimum Non-Detect		0.00025				Minimum Non-Detect		-8.294
654				Maximum Non-Detect		6.84				Maximum Non-Detect		1.923
655												
656	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		490
657	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		4
658	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.19%
659												
660					UCL Statistics							
661				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
662				Lilliefors Test Statistic		0.39				Lilliefors Test Statistic		0.323
663				5% Lilliefors Critical Value		0.0482				5% Lilliefors Critical Value		0.0482
664				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
665												
666				Assuming Normal Distribution						Assuming Lognormal Distribution		
667				DL/2 Substitution Method						DL/2 Substitution Method		
668				Mean		0.481				Mean		-1.561
669				SD		1.593				SD		1.148
670				95% DL/2 (t) UCL		0.599				95% H-Stat (DL/2) UCL		0.546
671												
672				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
673				MLE yields a negative mean						Mean in Log Scale		-1.586
674										SD in Log Scale		1.109
675										Mean in Original Scale		0.475
676										SD in Original Scale		1.588
677										95% Percentile Bootstrap UCL		0.6
678										95% BCA Bootstrap UCL		0.653
679												
680				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
681				k star (bias corrected)		0.633				Data do not follow a Discernable Distribution (0.05)		
682				Theta Star		0.956						
683				nu star		427.9						
684												
685				A-D Test Statistic		57.79				Nonparametric Statistics		
686				5% A-D Critical Value		0.809				Kaplan-Meier (KM) Method		
687				K-S Test Statistic		0.809				Mean		0.468
688				5% K-S Critical Value		0.0519				SD		1.587
689				Data not Gamma Distributed at 5% Significance Level						SE of Mean		0.0715

690											95% KM (t) UCL	0.586
691	**Assuming Gamma Distribution**										95% KM (z) UCL	0.586
692	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.586
693					Minimum	0.00064					95% KM (bootstrap t) UCL	0.689
694					Maximum	27.6					95% KM (BCA) UCL	0.598
695					Mean	0.604					95% KM (Percentile Bootstrap) UCL	0.598
696					Median	0.2					95% KM (Chebyshev) UCL	0.78
697					SD	1.584					97.5% KM (Chebyshev) UCL	0.915
698					k star	0.836					99% KM (Chebyshev) UCL	1.18
699					Theta star	0.722						
700					Nu star	825.9					**Potential UCLs to Use**	
701					AppChi2	760.2					95% KM (Chebyshev) UCL	0.78
702				95% Gamma Approximate UCL		0.656						
703				95% Adjusted Gamma UCL		0.656						
704	**Note: DL/2 is not a recommended method.**											
705												
706												
707	**Benzo(k)fluoranthene**											
708						**General Statistics**						
709					Number of Valid Data	494					Number of Detected Data	332
710					Number of Distinct Detected Data	157					Number of Non-Detect Data	162
711											Percent Non-Detects	32.79%
712												
713	**Raw Statistics**										**Log-transformed Statistics**	
714					Minimum Detected	0.00031					Minimum Detected	-8.079
715					Maximum Detected	27.6					Maximum Detected	3.318
716					Mean of Detected	0.562					Mean of Detected	-1.512
717					SD of Detected	1.829					SD of Detected	1.275
718					Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
719					Maximum Non-Detect	6.84					Maximum Non-Detect	1.923
720												
721	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	491
722	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
723	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.39%
724												
725						**UCL Statistics**						
726	**Normal Distribution Test with Detected Values Only**										**Lognormal Distribution Test with Detected Values Only**	
727					Lilliefors Test Statistic	0.395					Lilliefors Test Statistic	0.34
728					5% Lilliefors Critical Value	0.0486					5% Lilliefors Critical Value	0.0486
729	**Data not Normal at 5% Significance Level**										**Data not Lognormal at 5% Significance Level**	
730												
731	**Assuming Normal Distribution**										**Assuming Lognormal Distribution**	
732					DL/2 Substitution Method						DL/2 Substitution Method	
733					Mean	0.451					Mean	-1.624
734					SD	1.52					SD	1.287
735					95% DL/2 (t) UCL	0.564					95% H-Stat (DL/2) UCL	0.621
736												
737					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
738	**MLE yields a negative mean**										Mean in Log Scale	-1.645
739											SD in Log Scale	1.145
740											Mean in Original Scale	0.438
741											SD in Original Scale	1.511
742											95% Percentile Bootstrap UCL	0.563

743											95% BCA Bootstrap UCL	0.621
744												
745	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
746					k star (bias corrected)	0.649	Data do not follow a Discernable Distribution (0.05)					
747					Theta Star	0.866						
748					nu star	430.8						
749												
750					A-D Test Statistic	56.98	Nonparametric Statistics					
751					5% A-D Critical Value	0.807					Kaplan-Meier (KM) Method	
752					K-S Test Statistic	0.807					Mean	0.433
753					5% K-S Critical Value	0.0522					SD	1.51
754	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0681
755											95% KM (t) UCL	0.545
756	Assuming Gamma Distribution										95% KM (z) UCL	0.545
757	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.545
758					Minimum	0.00031					95% KM (bootstrap t) UCL	0.645
759					Maximum	27.6					95% KM (BCA) UCL	0.559
760					Mean	0.562					95% KM (Percentile Bootstrap) UCL	0.554
761					Median	0.233					95% KM (Chebyshev) UCL	0.73
762					SD	1.499					97.5% KM (Chebyshev) UCL	0.858
763					k star	0.922					99% KM (Chebyshev) UCL	1.111
764					Theta star	0.61						
765					Nu star	910.7	Potential UCLs to Use					
766					AppChi2	841.6					95% KM (Chebyshev) UCL	0.73
767					95% Gamma Approximate UCL	0.608						
768					95% Adjusted Gamma UCL	0.608						
769	Note: DL/2 is not a recommended method.											
770												
771												
772	Chloroform											
773							General Statistics					
774					Number of Valid Data	482					Number of Detected Data	314
775					Number of Distinct Detected Data	66					Number of Non-Detect Data	168
776											Percent Non-Detects	34.85%
777												
778					Raw Statistics						Log-transformed Statistics	
779					Minimum Detected	0.0012					Minimum Detected	-6.725
780					Maximum Detected	1.11					Maximum Detected	0.104
781					Mean of Detected	0.0412					Mean of Detected	-3.633
782					SD of Detected	0.0946					SD of Detected	0.73
783					Minimum Non-Detect	0.00005					Minimum Non-Detect	-9.903
784					Maximum Non-Detect	1.2					Maximum Non-Detect	0.182
785												
786	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	482
787	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
788	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
789												
790							UCL Statistics					
791	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
792					Lilliefors Test Statistic	0.379					Lilliefors Test Statistic	0.217
793					5% Lilliefors Critical Value	0.05					5% Lilliefors Critical Value	0.05
794	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
795												

	A	B	C	D	E	F	G	H	I	J	K	L
796	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
797					DL/2 Substitution Method						DL/2 Substitution Method	
798					Mean	0.0374					Mean	-3.832
799					SD	0.0815					SD	1.347
800					95% DL/2 (t) UCL	0.0436					95% H-Stat (DL/2) UCL	0.0831
801												
802					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
803	**MLE method failed to converge properly**										Mean in Log Scale	-3.781
804											SD in Log Scale	0.747
805											Mean in Original Scale	0.0344
806											SD in Original Scale	0.0773
807											95% Percentile Bootstrap UCL	0.0409
808											95% BCA Bootstrap UCL	0.0417
809												
810	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
811					k star (bias corrected)	1.257	**Data do not follow a Discernable Distribution (0.05)**					
812					Theta Star	0.0328						
813					nu star	789.6						
814												
815					A-D Test Statistic	32.44	**Nonparametric Statistics**					
816					5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method	
817					K-S Test Statistic	0.778					Mean	0.0339
818					5% K-S Critical Value	0.0524					SD	0.0774
819	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.00355
820											95% KM (t) UCL	0.0397
821	**Assuming Gamma Distribution**										95% KM (z) UCL	0.0397
822					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0394
823					Minimum	0.0012					95% KM (bootstrap t) UCL	0.0432
824					Maximum	1.11					95% KM (BCA) UCL	0.0407
825					Mean	0.041					95% KM (Percentile Bootstrap) UCL	0.0402
826					Median	0.0305					95% KM (Chebyshev) UCL	0.0493
827					SD	0.0764					97.5% KM (Chebyshev) UCL	0.056
828					k star	1.86					99% KM (Chebyshev) UCL	0.0692
829					Theta star	0.022						
830					Nu star	1793	**Potential UCLs to Use**					
831					AppChi2	1695					95% KM (BCA) UCL	0.0407
832					95% Gamma Approximate UCL	0.0433						
833					95% Adjusted Gamma UCL	0.0433						
834	**Note: DL/2 is not a recommended method.**											
835												
836												
837	**Chromium**											
838							**General Statistics**					
839					Number of Valid Data	35					Number of Detected Data	34
840					Number of Distinct Detected Data	28					Number of Non-Detect Data	1
841											Percent Non-Detects	2.86%
842												
843	**Raw Statistics**						**Log-transformed Statistics**					
844					Minimum Detected	0.57					Minimum Detected	-0.562
845					Maximum Detected	54					Maximum Detected	3.989
846					Mean of Detected	6.688					Mean of Detected	1.291
847					SD of Detected	11.51					SD of Detected	0.922
848					Minimum Non-Detect	2.5					Minimum Non-Detect	0.916

849				Maximum Non-Detect	2.5					Maximum Non-Detect	0.916	
850												
851												
852	UCL Statistics											
853	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
854				Shapiro Wilk Test Statistic	0.467					Shapiro Wilk Test Statistic	0.803	
855				5% Shapiro Wilk Critical Value	0.933					5% Shapiro Wilk Critical Value	0.933	
856	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
857												
858	Assuming Normal Distribution						Assuming Lognormal Distribution					
859				DL/2 Substitution Method						DL/2 Substitution Method		
860				Mean	6.533					Mean	1.261	
861				SD	11.38					SD	0.926	
862				95% DL/2 (t) UCL	9.786					95% H-Stat (DL/2) UCL	7.845	
863												
864				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
865				Mean	2.78					Mean in Log Scale	1.267	
866				SD	14.63					SD in Log Scale	0.919	
867				95% MLE (t) UCL	6.962					Mean in Original Scale	6.542	
868				95% MLE (Tiku) UCL	7.27					SD in Original Scale	11.38	
869										95% Percentile Bootstrap UCL	10.17	
870										95% BCA Bootstrap UCL	11.35	
871												
872	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
873				k star (bias corrected)	0.889		Data do not follow a Discernable Distribution (0.05)					
874				Theta Star	7.526							
875				nu star	60.43							
876												
877				A-D Test Statistic	4.784		Nonparametric Statistics					
878				5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method		
879				K-S Test Statistic	0.778					Mean	6.552	
880				5% K-S Critical Value	0.156					SD	11.21	
881	Data not Gamma Distributed at 5% Significance Level									SE of Mean	1.923	
882										95% KM (t) UCL	9.804	
883	Assuming Gamma Distribution									95% KM (z) UCL	9.716	
884				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	9.803	
885				Minimum	1E-09					95% KM (bootstrap t) UCL	15.16	
886				Maximum	54					95% KM (BCA) UCL	9.955	
887				Mean	6.497					95% KM (Percentile Bootstrap) UCL	9.788	
888				Median	2.96					95% KM (Chebyshev) UCL	14.94	
889				SD	11.4					97.5% KM (Chebyshev) UCL	18.56	
890				k star	0.496					99% KM (Chebyshev) UCL	25.69	
891				Theta star	13.09							
892				Nu star	34.74		Potential UCLs to Use					
893				AppChi2	22.25					95% KM (Chebyshev) UCL	14.94	
894				95% Gamma Approximate UCL	10.14							
895				95% Adjusted Gamma UCL	10.36							
896	Note: DL/2 is not a recommended method.											
897												
898												
899	Chrysene											
900	General Statistics											
901				Number of Valid Data	505					Number of Detected Data	350	

902				Number of Distinct Detected Data		181				Number of Non-Detect Data		155
903										Percent Non-Detects		30.69%
904												
905				**Raw Statistics**						**Log-transformed Statistics**		
906				Minimum Detected		0.00041				Minimum Detected		-7.799
907				Maximum Detected		137				Maximum Detected		4.92
908				Mean of Detected		1.275				Mean of Detected		-1.342
909				SD of Detected		8.199				SD of Detected		1.378
910				Minimum Non-Detect		0.00025				Minimum Non-Detect		-8.294
911				Maximum Non-Detect		6.84				Maximum Non-Detect		1.923
912												
913	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		497
914	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		8
915	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		98.42%
916												
917				**UCL Statistics**								
918				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
919				Lilliefors Test Statistic		0.438				Lilliefors Test Statistic		0.304
920				5% Lilliefors Critical Value		0.0474				5% Lilliefors Critical Value		0.0474
921				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
922												
923				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
924				DL/2 Substitution Method						DL/2 Substitution Method		
925				Mean		0.96				Mean		-1.461
926				SD		6.844				SD		1.276
927				95% DL/2 (t) UCL		1.462				95% H-Stat (DL/2) UCL		0.72
928												
929				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
930				**MLE yields a negative mean**						Mean in Log Scale		-1.497
931										SD in Log Scale		1.244
932										Mean in Original Scale		0.945
933										SD in Original Scale		6.841
934										95% Percentile Bootstrap UCL		1.487
935										95% BCA Bootstrap UCL		1.887
936												
937				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
938				k star (bias corrected)		0.411				**Data do not follow a Discernable Distribution (0.05)**		
939				Theta Star		3.098						
940				nu star		288						
941												
942				A-D Test Statistic		2.857E+28				**Nonparametric Statistics**		
943				5% A-D Critical Value		0.843				Kaplan-Meier (KM) Method		
944				K-S Test Statistic		0.843				Mean		0.938
945				5% K-S Critical Value		0.0521				SD		6.835
946				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.305
947										95% KM (t) UCL		1.44
948				**Assuming Gamma Distribution**						95% KM (z) UCL		1.439
949				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.439
950				Minimum		1E-09				95% KM (bootstrap t) UCL		2.677
951				Maximum		137				95% KM (BCA) UCL		1.585
952				Mean		1.243				95% KM (Percentile Bootstrap) UCL		1.484
953				Median		0.188				95% KM (Chebyshev) UCL		2.265
954				SD		6.851				97.5% KM (Chebyshev) UCL		2.84

955					k star	0.396				99% KM (Chebyshev) UCL		3.969
956					Theta star	3.135						
957					Nu star	400.4				**Potential UCLs to Use**		
958					AppChi2	355				95% KM (Chebyshev) UCL		2.265
959				95% Gamma Approximate UCL		1.402						
960				95% Adjusted Gamma UCL		1.402						
961	**Note: DL/2 is not a recommended method.**											
962												
963												
964	**Cobalt**											
965												
966						**General Statistics**						
967					Number of Valid Data	34				Number of Detected Data		18
968					Number of Distinct Detected Data	18				Number of Non-Detect Data		16
969										Percent Non-Detects		47.06%
970												
971				**Raw Statistics**						**Log-transformed Statistics**		
972					Minimum Detected	0.035				Minimum Detected		-3.352
973					Maximum Detected	2.9				Maximum Detected		1.065
974					Mean of Detected	0.382				Mean of Detected		-1.583
975					SD of Detected	0.654				SD of Detected		1.032
976					Minimum Non-Detect	0.43				Minimum Non-Detect		-0.844
977					Maximum Non-Detect	33.3				Maximum Non-Detect		3.506
978												
979	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		34
980	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
981	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
982												
983						**UCL Statistics**						
984				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
985					Shapiro Wilk Test Statistic	0.477				Shapiro Wilk Test Statistic		0.955
986					5% Shapiro Wilk Critical Value	0.897				5% Shapiro Wilk Critical Value		0.897
987				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
988												
989				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
990					DL/2 Substitution Method					DL/2 Substitution Method		
991					Mean	1.874				Mean		-0.791
992					SD	3.757				SD		1.595
993					95% DL/2 (t) UCL	2.965				95% H-Stat (DL/2) UCL		3.744
994												
995					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
996				**MLE method failed to converge properly**						Mean in Log Scale		-1.664
997										SD in Log Scale		0.783
998										Mean in Original Scale		0.288
999										SD in Original Scale		0.482
1000										95% Percentile Bootstrap UCL		0.44
1001										95% BCA Bootstrap UCL		0.536
1002												
1003				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1004					k star (bias corrected)	0.818				**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
1005					Theta Star	0.467						
1006					nu star	29.45						
1007												

1008				A-D Test Statistic	1.065		Nonparametric Statistics					
1009				5% A-D Critical Value	0.769					Kaplan-Meier (KM) Method		
1010				K-S Test Statistic	0.769					Mean		0.317
1011				5% K-S Critical Value	0.21					SD		0.523
1012	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean		0.103
1013										95% KM (t) UCL		0.492
1014	Assuming Gamma Distribution									95% KM (z) UCL		0.487
1015				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.491
1016				Minimum	0.035					95% KM (bootstrap t) UCL		0.805
1017				Maximum	2.9					95% KM (BCA) UCL		0.511
1018				Mean	0.395					95% KM (Percentile Bootstrap) UCL		0.499
1019				Median	0.3					95% KM (Chebyshev) UCL		0.767
1020				SD	0.477					97.5% KM (Chebyshev) UCL		0.962
1021				k star	1.44					99% KM (Chebyshev) UCL		1.344
1022				Theta star	0.274							
1023				Nu star	97.91		Potential UCLs to Use					
1024				AppChi2	76.08					95% KM (BCA) UCL		0.511
1025				95% Gamma Approximate UCL	0.508							
1026				95% Adjusted Gamma UCL	0.514							
1027	Note: DL/2 is not a recommended method.											
1028												
1029												
1030	Dibenzo(a,h)anthracene											
1031												
1032	General Statistics											
1033				Number of Valid Data	499					Number of Detected Data		324
1034				Number of Distinct Detected Data	153					Number of Non-Detect Data		175
1035										Percent Non-Detects		35.07%
1036												
1037	Raw Statistics						Log-transformed Statistics					
1038				Minimum Detected	0.0004					Minimum Detected		-7.824
1039				Maximum Detected	30.3					Maximum Detected		3.411
1040				Mean of Detected	0.509					Mean of Detected		-1.575
1041				SD of Detected	1.881					SD of Detected		1.221
1042				Minimum Non-Detect	0.00028					Minimum Non-Detect		-8.181
1043				Maximum Non-Detect	6.84					Maximum Non-Detect		1.923
1044												
1045	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		497
1046	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
1047	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.60%
1048												
1049	UCL Statistics											
1050	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1051				Lilliefors Test Statistic	0.405					Lilliefors Test Statistic		0.351
1052				5% Lilliefors Critical Value	0.0492					5% Lilliefors Critical Value		0.0492
1053	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1054												
1055	Assuming Normal Distribution						Assuming Lognormal Distribution					
1056				DL/2 Substitution Method						DL/2 Substitution Method		
1057				Mean	0.416					Mean		-1.655
1058				SD	1.539					SD		1.21
1059				95% DL/2 (t) UCL	0.53					95% H-Stat (DL/2) UCL		0.55
1060												

	A	B	C	D	E	F	G	H	I	J	K	L
1061				Maximum Likelihood Estimate(MLE) Method		N/A					Log ROS Method	
1062				**MLE method failed to converge properly**							Mean in Log Scale	-1.702
1063											SD in Log Scale	1.081
1064											Mean in Original Scale	0.393
1065											SD in Original Scale	1.524
1066											95% Percentile Bootstrap UCL	0.515
1067											95% BCA Bootstrap UCL	0.594
1068												
1069				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1070					k star (bias corrected)	0.671				**Data do not follow a Discernable Distribution (0.05)**		
1071					Theta Star	0.759						
1072					nu star	434.6						
1073												
1074					A-D Test Statistic	3.086E+28				**Nonparametric Statistics**		
1075					5% A-D Critical Value	0.805				Kaplan-Meier (KM) Method		
1076					K-S Test Statistic	0.805				Mean		0.39
1077					5% K-S Critical Value	0.0527				SD		1.523
1078				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.0684
1079										95% KM (t) UCL		0.502
1080				**Assuming Gamma Distribution**						95% KM (z) UCL		0.502
1081				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.502
1082					Minimum	0.0004				95% KM (bootstrap t) UCL		0.634
1083					Maximum	30.3				95% KM (BCA) UCL		0.534
1084					Mean	0.509				95% KM (Percentile Bootstrap) UCL		0.511
1085					Median	0.233				95% KM (Chebyshev) UCL		0.688
1086					SD	1.515				97.5% KM (Chebyshev) UCL		0.817
1087					k star	0.978				99% KM (Chebyshev) UCL		1.07
1088					Theta star	0.52						
1089					Nu star	976.5				**Potential UCLs to Use**		
1090					AppChi2	905				95% KM (Chebyshev) UCL		0.688
1091					95% Gamma Approximate UCL	0.549						
1092					95% Adjusted Gamma UCL	0.549						
1093	**Note: DL/2 is not a recommended method.**											
1094												
1095												
1096	**Indeno(1,2,3-cd)pyrene**											
1097												
1098									**General Statistics**			
1099					Number of Valid Data	505				Number of Detected Data		335
1100					Number of Distinct Detected Data	156				Number of Non-Detect Data		170
1101										Percent Non-Detects		33.66%
1102												
1103				**Raw Statistics**						**Log-transformed Statistics**		
1104					Minimum Detected	0.00028				Minimum Detected		-8.181
1105					Maximum Detected	9.9				Maximum Detected		2.293
1106					Mean of Detected	0.459				Mean of Detected		-1.548
1107					SD of Detected	1.048				SD of Detected		1.182
1108					Minimum Non-Detect	0.00016				Minimum Non-Detect		-8.74
1109					Maximum Non-Detect	6.84				Maximum Non-Detect		1.923
1110												
1111	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		503
1112	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
1113	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.60%

1114												
1115	**UCL Statistics**											
1116	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1117					Lilliefors Test Statistic	0.39					Lilliefors Test Statistic	0.341
1118					5% Lilliefors Critical Value	0.0484					5% Lilliefors Critical Value	0.0484
1119	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1120												
1121	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1122					DL/2 Substitution Method						DL/2 Substitution Method	
1123					Mean	0.388					Mean	-1.624
1124					SD	0.893					SD	1.169
1125					95% DL/2 (t) UCL	0.453					95% H-Stat (DL/2) UCL	0.536
1126												
1127					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1128	**MLE method failed to converge properly**										Mean in Log Scale	-1.66
1129											SD in Log Scale	1.049
1130											Mean in Original Scale	0.367
1131											SD in Original Scale	0.865
1132											95% Percentile Bootstrap UCL	0.432
1133											95% BCA Bootstrap UCL	0.439
1134												
1135	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1136					k star (bias corrected)	0.769	**Data do not follow a Discernable Distribution (0.05)**					
1137					Theta Star	0.597						
1138					nu star	515.5						
1139												
1140					A-D Test Statistic	58.2	**Nonparametric Statistics**					
1141					5% A-D Critical Value	0.796	Kaplan-Meier (KM) Method					
1142					K-S Test Statistic	0.796					Mean	0.363
1143					5% K-S Critical Value	0.0516					SD	0.865
1144	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.0387
1145											95% KM (t) UCL	0.426
1146	**Assuming Gamma Distribution**										95% KM (z) UCL	0.426
1147					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.426
1148					Minimum	0.00028					95% KM (bootstrap t) UCL	0.445
1149					Maximum	9.9					95% KM (BCA) UCL	0.436
1150					Mean	0.459					95% KM (Percentile Bootstrap) UCL	0.428
1151					Median	0.233					95% KM (Chebyshev) UCL	0.531
1152					SD	0.853					97.5% KM (Chebyshev) UCL	0.604
1153					k star	1.11					99% KM (Chebyshev) UCL	0.747
1154					Theta star	0.413						
1155					Nu star	1121	**Potential UCLs to Use**					
1156					AppChi2	1044					95% KM (Chebyshev) UCL	0.531
1157					95% Gamma Approximate UCL	0.493						
1158					95% Adjusted Gamma UCL	0.493						
1159	**Note: DL/2 is not a recommended method.**											
1160												
1161												
1162	**Iron**											
1163												
1164	**General Statistics**											
1165					Number of Valid Observations	34					Number of Distinct Observations	33
1166												

	A	B	C	D	E	F	G	H	I	J	K	L
1167	**Raw Statistics**						**Log-transformed Statistics**					
1168					Minimum	194					Minimum of Log Data	5.268
1169					Maximum	29700					Maximum of Log Data	10.3
1170					Mean	3301					Mean of log Data	7.284
1171					Median	1240					SD of log Data	1.189
1172					SD	5819						
1173					Coefficient of Variation	1.763						
1174					Skewness	3.393						
1175												
1176	**Relevant UCL Statistics**											
1177	**Normal Distribution Test**						**Lognormal Distribution Test**					
1178					Shapiro Wilk Test Statistic	0.542					Shapiro Wilk Test Statistic	0.952
1179					Shapiro Wilk Critical Value	0.933					Shapiro Wilk Critical Value	0.933
1180	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1181												
1182	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1183					95% Student's-t UCL	4990					95% H-UCL	5153
1184	**95% UCLs (Adjusted for Skewness)**										95% Chebyshev (MVUE) UCL	5916
1185					95% Adjusted-CLT UCL	5563					97.5% Chebyshev (MVUE) UCL	7239
1186					95% Modified-t UCL	5087					99% Chebyshev (MVUE) UCL	9839
1187												
1188	**Gamma Distribution Test**						**Data Distribution**					
1189					k star (bias corrected)	0.689	**Data appear Lognormal at 5% Significance Level**					
1190					Theta Star	4791						
1191					MLE of Mean	3301						
1192					MLE of Standard Deviation	3977						
1193					nu star	46.85						
1194					Approximate Chi Square Value (.05)	32.15	**Nonparametric Statistics**					
1195					Adjusted Level of Significance	0.0422					95% CLT UCL	4942
1196					Adjusted Chi Square Value	31.54					95% Jackknife UCL	4990
1197											95% Standard Bootstrap UCL	4879
1198					Anderson-Darling Test Statistic	2.077					95% Bootstrap-t UCL	6832
1199					Anderson-Darling 5% Critical Value	0.789					95% Hall's Bootstrap UCL	7596
1200					Kolmogorov-Smirnov Test Statistic	0.226					95% Percentile Bootstrap UCL	4934
1201					Kolmogorov-Smirnov 5% Critical Value	0.157					95% BCA Bootstrap UCL	5579
1202	**Data not Gamma Distributed at 5% Significance Level**										95% Chebyshev(Mean, Sd) UCL	7651
1203											97.5% Chebyshev(Mean, Sd) UCL	9533
1204	**Assuming Gamma Distribution**										99% Chebyshev(Mean, Sd) UCL	13231
1205					95% Approximate Gamma UCL	4811						
1206					95% Adjusted Gamma UCL	4903						
1207												
1208	**Potential UCL to Use**										Use 95% H-UCL	5153
1209												
1210												
1211	**Lead**											
1212	**General Statistics**											
1213					Number of Valid Data	756					Number of Detected Data	696
1214					Number of Distinct Detected Data	506					Number of Non-Detect Data	60
1215											Percent Non-Detects	7.94%
1216												
1217	**Raw Statistics**						**Log-transformed Statistics**					
1218					Minimum Detected	1.14					Minimum Detected	0.131
1219					Maximum Detected	2510					Maximum Detected	7.828

1220				Mean of Detected	109.7					Mean of Detected	3.46	
1221				SD of Detected	209.5					SD of Detected	1.679	
1222				Minimum Non-Detect	5					Minimum Non-Detect	1.609	
1223				Maximum Non-Detect	20					Maximum Non-Detect	2.996	
1224												
1225	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	351	
1226	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	405	
1227	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	46.43%	
1228												
1229	**UCL Statistics**											
1230	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1231				Lilliefors Test Statistic	0.302					Lilliefors Test Statistic	0.0846	
1232				5% Lilliefors Critical Value	0.0336					5% Lilliefors Critical Value	0.0336	
1233	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1234												
1235	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1236				DL/2 Substitution Method						DL/2 Substitution Method		
1237				Mean	101.5					Mean	3.324	
1238				SD	203					SD	1.678	
1239				95% DL/2 (t) UCL	113.6					95% H-Stat (DL/2) UCL	139.4	
1240												
1241				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1242	**MLE yields a negative mean**									Mean in Log Scale	3.322	
1243										SD in Log Scale	1.685	
1244										Mean in Original Scale	101.5	
1245										SD in Original Scale	202.9	
1246										95% Percentile Bootstrap UCL	113.7	
1247										95% BCA Bootstrap UCL	114.7	
1248												
1249	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1250				k star (bias corrected)	0.51		**Data do not follow a Discernable Distribution (0.05)**					
1251				Theta Star	215							
1252				nu star	710.3							
1253												
1254				A-D Test Statistic	15.54		**Nonparametric Statistics**					
1255				5% A-D Critical Value	0.822					Kaplan-Meier (KM) Method		
1256				K-S Test Statistic	0.822					Mean	101.4	
1257				5% K-S Critical Value	0.0379					SD	202.8	
1258	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	7.383	
1259										95% KM (t) UCL	113.6	
1260	**Assuming Gamma Distribution**									95% KM (z) UCL	113.5	
1261				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	113.6	
1262				Minimum	1E-09					95% KM (bootstrap t) UCL	115	
1263				Maximum	2510					95% KM (BCA) UCL	114.6	
1264				Mean	101					95% KM (Percentile Bootstrap) UCL	113.7	
1265				Median	26.4					95% KM (Chebyshev) UCL	133.6	
1266				SD	203.2					97.5% KM (Chebyshev) UCL	147.5	
1267				k star	0.235					99% KM (Chebyshev) UCL	174.9	
1268				Theta star	428.9							
1269				Nu star	356.1		**Potential UCLs to Use**					
1270				AppChi2	313.3					97.5% KM (Chebyshev) UCL	147.5	
1271				95% Gamma Approximate UCL	114.8							
1272				95% Adjusted Gamma UCL	114.8							

	A	B	C	D	E	F	G	H	I	J	K	L
1273	Note: DL/2 is not a recommended method.											
1274												
1275												
1276	Manganese											
1277						General Statistics						
1278					Number of Valid Data	34			Number of Detected Data			33
1279					Number of Distinct Detected Data	31			Number of Non-Detect Data			1
1280									Percent Non-Detects			2.94%
1281												
1282					Raw Statistics				Log-transformed Statistics			
1283					Minimum Detected	2.27			Minimum Detected			0.82
1284					Maximum Detected	314			Maximum Detected			5.749
1285					Mean of Detected	28.27			Mean of Detected			2.56
1286					SD of Detected	57.4			SD of Detected			1.101
1287					Minimum Non-Detect	3.8			Minimum Non-Detect			1.335
1288					Maximum Non-Detect	3.8			Maximum Non-Detect			1.335
1289												
1290												
1291					UCL Statistics							
1292					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
1293					Shapiro Wilk Test Statistic	0.442			Shapiro Wilk Test Statistic			0.946
1294					5% Shapiro Wilk Critical Value	0.931			5% Shapiro Wilk Critical Value			0.931
1295					Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level			
1296												
1297					Assuming Normal Distribution				Assuming Lognormal Distribution			
1298					DL/2 Substitution Method				DL/2 Substitution Method			
1299					Mean	27.49			Mean			2.503
1300					SD	56.7			SD			1.133
1301					95% DL/2 (t) UCL	43.95			95% H-Stat (DL/2) UCL			37.4
1302												
1303					Maximum Likelihood Estimate(MLE) Method				Log ROS Method			
1304					Mean	21.25			Mean in Log Scale			2.509
1305					SD	61.87			SD in Log Scale			1.124
1306					95% MLE (t) UCL	39.2			Mean in Original Scale			27.5
1307					95% MLE (Tiku) UCL	38.27			SD in Original Scale			56.7
1308									95% Percentile Bootstrap UCL			46.1
1309									95% BCA Bootstrap UCL			53.94
1310												
1311					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
1312					k star (bias corrected)	0.715			Data appear Lognormal at 5% Significance Level			
1313					Theta Star	39.55						
1314					nu star	47.16						
1315												
1316					A-D Test Statistic	2.233			Nonparametric Statistics			
1317					5% A-D Critical Value	0.787			Kaplan-Meier (KM) Method			
1318					K-S Test Statistic	0.787			Mean			27.52
1319					5% K-S Critical Value	0.159			SD			55.85
1320					Data not Gamma Distributed at 5% Significance Level				SE of Mean			9.726
1321									95% KM (t) UCL			43.98
1322					Assuming Gamma Distribution				95% KM (z) UCL			43.52
1323					Gamma ROS Statistics using Extrapolated Data				95% KM (jackknife) UCL			43.97
1324					Minimum	1E-09			95% KM (bootstrap t) UCL			76.26
1325					Maximum	314			95% KM (BCA) UCL			46.66

1326					Mean	27.43				95% KM (Percentile Bootstrap) UCL		45.45
1327					Median	11.65				95% KM (Chebyshev) UCL		69.92
1328					SD	56.73				97.5% KM (Chebyshev) UCL		88.26
1329					k star	0.429				99% KM (Chebyshev) UCL		124.3
1330					Theta star	63.88						
1331					Nu star	29.2				**Potential UCLs to Use**		
1332					AppChi2	17.87				97.5% KM (Chebyshev) UCL		88.26
1333				95% Gamma Approximate UCL		44.84						
1334				95% Adjusted Gamma UCL		45.97						
1335	**Note: DL/2 is not a recommended method.**											
1336												
1337												
1338	**Mercury**											
1339						**General Statistics**						
1340					Number of Valid Data	818				Number of Detected Data		683
1341					Number of Distinct Detected Data	400				Number of Non-Detect Data		135
1342										Percent Non-Detects		16.50%
1343												
1344				**Raw Statistics**						**Log-transformed Statistics**		
1345					Minimum Detected	0.0076				Minimum Detected		-4.88
1346					Maximum Detected	142				Maximum Detected		4.956
1347					Mean of Detected	4.03				Mean of Detected		0.0928
1348					SD of Detected	10.96				SD of Detected		1.474
1349					Minimum Non-Detect	0.052				Minimum Non-Detect		-2.957
1350					Maximum Non-Detect	0.84				Maximum Non-Detect		-0.174
1351												
1352	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		476
1353	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		342
1354	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		58.19%
1355												
1356						**UCL Statistics**							
1357				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1358					Lilliefors Test Statistic	0.357				Lilliefors Test Statistic		0.158
1359					5% Lilliefors Critical Value	0.0339				5% Lilliefors Critical Value		0.0339
1360				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1361												
1362				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1363					DL/2 Substitution Method					DL/2 Substitution Method		
1364					Mean	3.398				Mean		-0.249
1365					SD	10.11				SD		1.606
1366					95% DL/2 (t) UCL	3.98				95% H-Stat (DL/2) UCL		3.306
1367												
1368					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1369				**MLE yields a negative mean**						Mean in Log Scale		-0.262
1370										SD in Log Scale		1.617
1371										Mean in Original Scale		3.398
1372										SD in Original Scale		10.11
1373										95% Percentile Bootstrap UCL		3.986
1374										95% BCA Bootstrap UCL		4.102
1375												
1376				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1377					k star (bias corrected)	0.489				**Data do not follow a Discernable Distribution (0.05)**		
1378					Theta Star	8.246						

1379					nu star	667.5						
1380												
1381					A-D Test Statistic	47.91			Nonparametric Statistics			
1382					5% A-D Critical Value	0.826					Kaplan-Meier (KM) Method	
1383					K-S Test Statistic	0.826					Mean	3.395
1384					5% K-S Critical Value	0.0383					SD	10.11
1385			Data not Gamma Distributed at 5% Significance Level								SE of Mean	0.354
1386											95% KM (t) UCL	3.977
1387			Assuming Gamma Distribution								95% KM (z) UCL	3.976
1388					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.977
1389					Minimum	1E-09					95% KM (bootstrap t) UCL	4.102
1390					Maximum	142					95% KM (BCA) UCL	3.995
1391					Mean	3.42					95% KM (Percentile Bootstrap) UCL	4.024
1392					Median	0.628					95% KM (Chebyshev) UCL	4.936
1393					SD	10.11					97.5% KM (Chebyshev) UCL	5.603
1394					k star	0.192					99% KM (Chebyshev) UCL	6.914
1395					Theta star	17.8						
1396					Nu star	314.2			Potential UCLs to Use			
1397					AppChi2	274.2					95% KM (Chebyshev) UCL	4.936
1398					95% Gamma Approximate UCL	3.919						
1399					95% Adjusted Gamma UCL	3.92						
1400	Note: DL/2 is not a recommended method.											
1401												
1402												
1403	Naphthalene											
1404						General Statistics						
1405					Number of Valid Data	501					Number of Detected Data	339
1406					Number of Distinct Detected Data	180					Number of Non-Detect Data	162
1407											Percent Non-Detects	32.34%
1408												
1409					Raw Statistics				Log-transformed Statistics			
1410					Minimum Detected	0.00037					Minimum Detected	-7.902
1411					Maximum Detected	93.6					Maximum Detected	4.539
1412					Mean of Detected	2.007					Mean of Detected	-1.416
1413					SD of Detected	8.798					SD of Detected	1.772
1414					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
1415					Maximum Non-Detect	6.84					Maximum Non-Detect	1.923
1416												
1417	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	482
1418	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	19
1419	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	96.21%
1420												
1421						UCL Statistics						
1422			Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only			
1423					Lilliefors Test Statistic	0.421					Lilliefors Test Statistic	0.33
1424					5% Lilliefors Critical Value	0.0481					5% Lilliefors Critical Value	0.0481
1425			Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level			
1426												
1427			Assuming Normal Distribution						Assuming Lognormal Distribution			
1428					DL/2 Substitution Method						DL/2 Substitution Method	
1429					Mean	1.435					Mean	-1.498
1430					SD	7.284					SD	1.481
1431					95% DL/2 (t) UCL	1.971					95% H-Stat (DL/2) UCL	0.971

1432												
1433				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
1434				**MLE yields a negative mean**						Mean in Log Scale		-1.589
1435										SD in Log Scale		1.566
1436										Mean in Original Scale		1.424
1437										SD in Original Scale		7.283
1438										95% Percentile Bootstrap UCL		1.962
1439										95% BCA Bootstrap UCL		2.148
1440												
1441				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1442				k star (bias corrected)		0.322				**Data do not follow a Discernable Distribution (0.05)**		
1443				Theta Star		6.24						
1444				nu star		218.1						
1445												
1446				A-D Test Statistic		67.57				**Nonparametric Statistics**		
1447				5% A-D Critical Value		0.865				Kaplan-Meier (KM) Method		
1448				K-S Test Statistic		0.865				Mean		1.413
1449				5% K-S Critical Value		0.0535				SD		7.277
1450				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.326
1451										95% KM (t) UCL		1.95
1452				**Assuming Gamma Distribution**						95% KM (z) UCL		1.949
1453				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.95
1454				Minimum		1E-09				95% KM (bootstrap t) UCL		2.191
1455				Maximum		93.6				95% KM (BCA) UCL		2.021
1456				Mean		1.946				95% KM (Percentile Bootstrap) UCL		1.973
1457				Median		0.181				95% KM (Chebyshev) UCL		2.833
1458				SD		7.332				97.5% KM (Chebyshev) UCL		3.447
1459				k star		0.238				99% KM (Chebyshev) UCL		4.653
1460				Theta star		8.163						
1461				Nu star		238.9				**Potential UCLs to Use**		
1462				AppChi2		204.1				97.5% KM (Chebyshev) UCL		3.447
1463				95% Gamma Approximate UCL		2.278						
1464				95% Adjusted Gamma UCL		2.279						
1465	**Note: DL/2 is not a recommended method.**											
1466												
1467												
1468	**n-Butylbenzene**											
1469										**General Statistics**		
1470				Number of Valid Data		466				Number of Detected Data		331
1471				Number of Distinct Detected Data		96				Number of Non-Detect Data		135
1472										Percent Non-Detects		28.97%
1473												
1474				**Raw Statistics**						**Log-transformed Statistics**		
1475				Minimum Detected		0.01				Minimum Detected		-4.605
1476				Maximum Detected		50.9				Maximum Detected		3.93
1477				Mean of Detected		0.318				Mean of Detected		-3.262
1478				SD of Detected		2.879				SD of Detected		1.266
1479				Minimum Non-Detect		0.00009				Minimum Non-Detect		-9.316
1480				Maximum Non-Detect		0.07				Maximum Non-Detect		-2.659
1481												
1482	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		407
1483	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		59
1484	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		87.34%

1485												
1486	UCL Statistics											
1487	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1488					Lilliefors Test Statistic	0.457					Lilliefors Test Statistic	0.269
1489					5% Lilliefors Critical Value	0.0487					5% Lilliefors Critical Value	0.0487
1490	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1491												
1492	Assuming Normal Distribution						Assuming Lognormal Distribution					
1493					DL/2 Substitution Method						DL/2 Substitution Method	
1494					Mean	0.233					Mean	-3.572
1495					SD	2.429					SD	1.629
1496					95% DL/2 (t) UCL	0.419					95% H-Stat (DL/2) UCL	0.166
1497												
1498					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1499	MLE yields a negative mean										Mean in Log Scale	-3.495
1500											SD in Log Scale	1.27
1501											Mean in Original Scale	0.234
1502											SD in Original Scale	2.429
1503											95% Percentile Bootstrap UCL	0.451
1504											95% BCA Bootstrap UCL	0.655
1505												
1506	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1507					k star (bias corrected)	0.321	Data do not follow a Discernable Distribution (0.05)					
1508					Theta Star	0.99						
1509					nu star	212.7						
1510												
1511					A-D Test Statistic	3.021E+28	Nonparametric Statistics					
1512					5% A-D Critical Value	0.865					Kaplan-Meier (KM) Method	
1513					K-S Test Statistic	0.865					Mean	0.232
1514					5% K-S Critical Value	0.0541					SD	2.426
1515	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.113
1516											95% KM (t) UCL	0.418
1517	Assuming Gamma Distribution										95% KM (z) UCL	0.418
1518					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.418
1519					Minimum	1E-09					95% KM (bootstrap t) UCL	1.103
1520					Maximum	50.9					95% KM (BCA) UCL	0.462
1521					Mean	0.324					95% KM (Percentile Bootstrap) UCL	0.434
1522					Median	0.03					95% KM (Chebyshev) UCL	0.723
1523					SD	2.427					97.5% KM (Chebyshev) UCL	0.935
1524					k star	0.351					99% KM (Chebyshev) UCL	1.352
1525					Theta star	0.924						
1526					Nu star	326.9	Potential UCLs to Use					
1527					AppChi2	286					95% KM (Chebyshev) UCL	0.723
1528					95% Gamma Approximate UCL	0.37						
1529					95% Adjusted Gamma UCL	0.371						
1530	Note: DL/2 is not a recommended method.											
1531												
1532												
1533	Tetrachloroethene											
1534	General Statistics											
1535					Number of Valid Data	482					Number of Detected Data	309
1536					Number of Distinct Detected Data	59					Number of Non-Detect Data	173
1537											Percent Non-Detects	35.89%

1538												
1539	**Raw Statistics**						**Log-transformed Statistics**					
1540					Minimum Detected	0.00057					Minimum Detected	-7.47
1541					Maximum Detected	1.8					Maximum Detected	0.588
1542					Mean of Detected	0.0342					Mean of Detected	-3.707
1543					SD of Detected	0.102					SD of Detected	0.646
1544					Minimum Non-Detect	0.00013					Minimum Non-Detect	-8.948
1545					Maximum Non-Detect	0.29					Maximum Non-Detect	-1.238
1546												
1547	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	481
1548	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
1549	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.79%
1550												
1551	**UCL Statistics**											
1552	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1553					Lilliefors Test Statistic	0.397					Lilliefors Test Statistic	0.235
1554					5% Lilliefors Critical Value	0.0504					5% Lilliefors Critical Value	0.0504
1555	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1556												
1557	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1558					DL/2 Substitution Method						DL/2 Substitution Method	
1559					Mean	0.0316					Mean	-3.875
1560					SD	0.0826					SD	1.207
1561					95% DL/2 (t) UCL	0.0378					95% H-Stat (DL/2) UCL	0.0661
1562												
1563					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1564	**MLE method failed to converge properly**										Mean in Log Scale	-3.831
1565											SD in Log Scale	0.658
1566											Mean in Original Scale	0.0294
1567											SD in Original Scale	0.0825
1568											95% Percentile Bootstrap UCL	0.0368
1569											95% BCA Bootstrap UCL	0.0433
1570												
1571	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1572					k star (bias corrected)	1.641	**Data do not follow a Discernable Distribution (0.05)**					
1573					Theta Star	0.0209						
1574					nu star	1014						
1575												
1576					A-D Test Statistic	3.236E+28	**Nonparametric Statistics**					
1577					5% A-D Critical Value	0.77					Kaplan-Meier (KM) Method	
1578					K-S Test Statistic	0.77					Mean	0.029
1579					5% K-S Critical Value	0.0523					SD	0.0825
1580	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.00378
1581											95% KM (t) UCL	0.0353
1582	**Assuming Gamma Distribution**										95% KM (z) UCL	0.0353
1583					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0352
1584					Minimum	0.00057					95% KM (bootstrap t) UCL	0.051
1585					Maximum	1.8					95% KM (BCA) UCL	0.0392
1586					Mean	0.0341					95% KM (Percentile Bootstrap) UCL	0.0363
1587					Median	0.03					95% KM (Chebyshev) UCL	0.0455
1588					SD	0.0819					97.5% KM (Chebyshev) UCL	0.0527
1589					k star	2.484					99% KM (Chebyshev) UCL	0.0667
1590					Theta star	0.0137						

1591					Nu star	2394	**Potential UCLs to Use**					
1592					AppChi2	2282					95% KM (BCA) UCL	0.0392
1593					95% Gamma Approximate UCL	0.0357						
1594					95% Adjusted Gamma UCL	0.0357						
1595	**Note: DL/2 is not a recommended method.**											
1596												
1597												
1598	**Vanadium**											
1599					**General Statistics**							
1600					Number of Valid Data	38					Number of Detected Data	24
1601					Number of Distinct Detected Data	24					Number of Non-Detect Data	14
1602											Percent Non-Detects	36.84%
1603												
1604					**Raw Statistics**						**Log-transformed Statistics**	
1605					Minimum Detected	0.56					Minimum Detected	-0.58
1606					Maximum Detected	67.9					Maximum Detected	4.218
1607					Mean of Detected	7.115					Mean of Detected	1.356
1608					SD of Detected	13.38					SD of Detected	0.964
1609					Minimum Non-Detect	2					Minimum Non-Detect	0.693
1610					Maximum Non-Detect	33.3					Maximum Non-Detect	3.506
1611												
1612	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	37
1613	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
1614	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	97.37%
1615												
1616					**UCL Statistics**							
1617					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
1618					Shapiro Wilk Test Statistic	0.41					Shapiro Wilk Test Statistic	0.933
1619					5% Shapiro Wilk Critical Value	0.916					5% Shapiro Wilk Critical Value	0.916
1620					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
1621												
1622					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
1623					DL/2 Substitution Method						DL/2 Substitution Method	
1624					Mean	6.256					Mean	1.303
1625					SD	10.92					SD	0.927
1626					95% DL/2 (t) UCL	9.244					95% H-Stat (DL/2) UCL	6.665
1627												
1628					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1629					**MLE method failed to converge properly**						Mean in Log Scale	1.121
1630											SD in Log Scale	0.864
1631											Mean in Original Scale	5.314
1632											SD in Original Scale	10.83
1633											95% Percentile Bootstrap UCL	8.576
1634											95% BCA Bootstrap UCL	11.11
1635												
1636					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
1637					k star (bias corrected)	0.865					**Data appear Lognormal at 5% Significance Level**	
1638					Theta Star	8.222						
1639					nu star	41.54						
1640												
1641					A-D Test Statistic	1.784					**Nonparametric Statistics**	
1642					5% A-D Critical Value	0.774					Kaplan-Meier (KM) Method	
1643					K-S Test Statistic	0.774					Mean	5.459

1644				5% K-S Critical Value	0.183					SD	10.71
1645	Data not Gamma Distributed at 5% Significance Level									SE of Mean	1.787
1646										95% KM (t) UCL	8.475
1647	Assuming Gamma Distribution									95% KM (z) UCL	8.4
1648				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	8.453
1649				Minimum	1E-09					95% KM (bootstrap t) UCL	14.6
1650				Maximum	67.9					95% KM (BCA) UCL	8.954
1651				Mean	6.643					95% KM (Percentile Bootstrap) UCL	8.884
1652				Median	3.86					95% KM (Chebyshev) UCL	13.25
1653				SD	10.84					97.5% KM (Chebyshev) UCL	16.62
1654				k star	0.314					99% KM (Chebyshev) UCL	23.24
1655				Theta star	21.16						
1656				Nu star	23.86					Potential UCLs to Use	
1657				AppChi2	13.75					95% KM (BCA) UCL	8.954
1658				95% Gamma Approximate UCL	11.53						
1659				95% Adjusted Gamma UCL	11.81						
1660	Note: DL/2 is not a recommended method.										
1661											
1662											
1663	Zinc										
1664					General Statistics						
1665				Number of Valid Data	38					Number of Detected Data	29
1666				Number of Distinct Detected Data	28					Number of Non-Detect Data	9
1667										Percent Non-Detects	23.68%
1668											
1669	Raw Statistics						Log-transformed Statistics				
1670				Minimum Detected	0.95					Minimum Detected	-0.0513
1671				Maximum Detected	3960					Maximum Detected	8.284
1672				Mean of Detected	175.6					Mean of Detected	2.479
1673				SD of Detected	734.3					SD of Detected	1.957
1674				Minimum Non-Detect	0.57					Minimum Non-Detect	-0.562
1675				Maximum Non-Detect	20					Maximum Non-Detect	2.996
1676											
1677	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	27
1678	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	11
1679	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	71.05%
1680											
1681					UCL Statistics						
1682	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only				
1683				Shapiro Wilk Test Statistic	0.251					Shapiro Wilk Test Statistic	0.917
1684				5% Shapiro Wilk Critical Value	0.926					5% Shapiro Wilk Critical Value	0.926
1685	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level				
1686											
1687	Assuming Normal Distribution						Assuming Lognormal Distribution				
1688				DL/2 Substitution Method						DL/2 Substitution Method	
1689				Mean	134.8					Mean	2.09
1690				SD	643.1					SD	1.916
1691				95% DL/2 (t) UCL	310.8					95% H-Stat (DL/2) UCL	94.02
1692											
1693				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1694	MLE yields a negative mean									Mean in Log Scale	1.942
1695										SD in Log Scale	2.044
1696										Mean in Original Scale	134.5

1697											SD in Original Scale	643.1
1698											95% Percentile Bootstrap UCL	337.8
1699											95% BCA Bootstrap UCL	456.6
1700												
1701	**Gamma Distribution Test with Detected Values Only**							**Data Distribution Test with Detected Values Only**				
1702				k star (bias corrected)	0.258			**Data do not follow a Discernable Distribution (0.05)**				
1703				Theta Star	680.7							
1704				nu star	14.96							
1705												
1706				A-D Test Statistic	3.859			**Nonparametric Statistics**				
1707				5% A-D Critical Value	0.872			Kaplan-Meier (KM) Method				
1708				K-S Test Statistic	0.872			Mean				134.6
1709				5% K-S Critical Value	0.178			SD				634.6
1710	**Data not Gamma Distributed at 5% Significance Level**							SE of Mean				104.8
1711								95% KM (t) UCL				311.3
1712	**Assuming Gamma Distribution**							95% KM (z) UCL				306.9
1713				Gamma ROS Statistics using Extrapolated Data				95% KM (jackknife) UCL				310.6
1714				Minimum	1E-09			95% KM (bootstrap t) UCL				2648
1715				Maximum	3960			95% KM (BCA) UCL				342.4
1716				Mean	135.4			95% KM (Percentile Bootstrap) UCL				340.7
1717				Median	4.6			95% KM (Chebyshev) UCL				591.3
1718				SD	643			97.5% KM (Chebyshev) UCL				788.9
1719				k star	0.119			99% KM (Chebyshev) UCL				1177
1720				Theta star	1137							
1721				Nu star	9.05			**Potential UCLs to Use**				
1722				AppChi2	3.357			99% KM (Chebyshev) UCL				1177
1723				95% Gamma Approximate UCL	364.9							
1724				95% Adjusted Gamma UCL	381.1							
1725	**Note: DL/2 is not a recommended method.**											
1726												
1727												
1728												
1729												
1730												
1731												
1732												
1733												
1734												
1735												
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1743												
1744												
1745												
1746												
1747												
1748												
1749												

Benzo(b/k)fluoranthene

General Statistics			
Number of Valid Data	11	Number of Detected Data	2
Number of Distinct Detected Data	2	Number of Non-Detect Data	9
		Percent Non-Detects	81.82%

Raw Statistics		Log-transformed Statistics	
Minimum Detected	0.15	Minimum Detected	-1.897
Maximum Detected	0.204	Maximum Detected	-1.587
Mean of Detected	0.177	Mean of Detected	-1.742
SD of Detected	0.0385	SD of Detected	0.219
Minimum Non-Detect	0.35	Minimum Non-Detect	-1.05
Maximum Non-Detect	6.8	Maximum Non-Detect	1.917

Note: Data have multiple DLs - Use of KM Method is recommended	Number treated as Non-Detect	11
For all methods (except KM, DL/2, and ROS Methods),	Number treated as Detected	0
Observations < Largest ND are treated as NDs	Single DL Non-Detect Percentage	100.00%

Warning: Data set has only 2 Distinct Detected Values.

This may not be adequate enough to compute meaningful and reliable test statistics and estimates.

The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).

	A	B	C	D	E	F	G	H	I	J	K	L
1962	Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.											
1963												
1964	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
1965	Those methods will return a 'N/A' value on your output display!											
1966												
1967	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
1968	However, results obtained using 4 to 9 distinct values may not be reliable.											
1969	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
1970												
1971												
1972	UCL Statistics											
1973	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1974	Shapiro Wilk Test Statistic					N/A	Shapiro Wilk Test Statistic					N/A
1975	5% Shapiro Wilk Critical Value					N/A	5% Shapiro Wilk Critical Value					N/A
1976	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1977												
1978	Assuming Normal Distribution						Assuming Lognormal Distribution					
1979	DL/2 Substitution Method						DL/2 Substitution Method					
1980	Mean					0.48	Mean					-1.41
1981	SD					0.968	SD					0.879
1982	95% DL/2 (t) UCL					1.01	95% H-Stat (DL/2) UCL					1.725
1983												
1984	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
1985	MLE method failed to converge properly						Mean in Log Scale					N/A
1986							SD in Log Scale					N/A
1987							Mean in Original Scale					N/A
1988							SD in Original Scale					N/A
1989							95% Percentile Bootstrap UCL					N/A
1990							95% BCA Bootstrap UCL					N/A
1991												
1992	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1993	k star (bias corrected)					N/A	Data do not follow a Discernable Distribution (0.05)					
1994	Theta Star					N/A						
1995	nu star					N/A						
1996												
1997	A-D Test Statistic					N/A	Nonparametric Statistics					
1998	5% A-D Critical Value					N/A	Kaplan-Meier (KM) Method					
1999	K-S Test Statistic					N/A	Mean					0.177
2000	5% K-S Critical Value					N/A	SD					0.0272
2001	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.0272
2002							95% KM (t) UCL					0.227
2003	Assuming Gamma Distribution						95% KM (z) UCL					0.222
2004	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.244
2005	Minimum					N/A	95% KM (bootstrap t) UCL					0.218
2006	Maximum					N/A	95% KM (BCA) UCL					0.204
2007	Mean					N/A	95% KM (Percentile Bootstrap) UCL					0.204
2008	Median					N/A	95% KM (Chebyshev) UCL					0.296
2009	SD					N/A	97.5% KM (Chebyshev) UCL					0.347
2010	k star					N/A	99% KM (Chebyshev) UCL					0.448
2011	Theta star					N/A						
2012	Nu star					N/A	Potential UCLs to Use					
2013	AppChi2					N/A	95% KM (t) UCL					0.227
2014	95% Gamma Approximate UCL					N/A	95% KM (% Bootstrap) UCL					0.204

2015				95% Adjusted Gamma UCL		N/A						
2016	Warning: Recommended UCL exceeds the maximum observation											
2017	Note: DL/2 is not a recommended method.											
2018												
2019												
2020												
2021												
2022												
2023												
2024												
2025												
2026												
2027												
2028												
2029												
2030												
2031												
2032												
2033												
2034	Manganese											
2035												
2036	General Statistics											
2037				Number of Valid Data		34				Number of Detected Data		33
2038				Number of Distinct Detected Data		31				Number of Non-Detect Data		1
2039										Percent Non-Detects		2.94%
2040												
2041	Raw Statistics						Log-transformed Statistics					
2042				Minimum Detected		2.27				Minimum Detected		0.82
2043				Maximum Detected		314				Maximum Detected		5.749
2044				Mean of Detected		28.27				Mean of Detected		2.56
2045				SD of Detected		57.4				SD of Detected		1.101
2046				Minimum Non-Detect		3.8				Minimum Non-Detect		1.335
2047				Maximum Non-Detect		3.8				Maximum Non-Detect		1.335
2048												
2049												
2050	UCL Statistics											
2051	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
2052				Shapiro Wilk Test Statistic		0.442				Shapiro Wilk Test Statistic		0.946
2053				5% Shapiro Wilk Critical Value		0.931				5% Shapiro Wilk Critical Value		0.931
2054	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
2055												
2056	Assuming Normal Distribution						Assuming Lognormal Distribution					
2057				DL/2 Substitution Method						DL/2 Substitution Method		
2058				Mean		27.49				Mean		2.503
2059				SD		56.7				SD		1.133
2060				95% DL/2 (t) UCL		43.95				95% H-Stat (DL/2) UCL		37.4
2061												
2062				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
2063				Mean		21.25				Mean in Log Scale		2.509
2064				SD		61.87				SD in Log Scale		1.124
2065				95% MLE (t) UCL		39.2				Mean in Original Scale		27.5
2066				95% MLE (Tiku) UCL		38.27				SD in Original Scale		56.7
2067										95% Percentile Bootstrap UCL		45.05

2068											95% BCA Bootstrap UCL	53.02
2069												
2070				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
2071					k star (bias corrected)	0.715					Data appear Lognormal at 5% Significance Level	
2072					Theta Star	39.55						
2073					nu star	47.16						
2074												
2075					A-D Test Statistic	2.233					Nonparametric Statistics	
2076					5% A-D Critical Value	0.787					Kaplan-Meier (KM) Method	
2077					K-S Test Statistic	0.787					Mean	27.52
2078					5% K-S Critical Value	0.159					SD	55.85
2079				Data not Gamma Distributed at 5% Significance Level							SE of Mean	9.726
2080											95% KM (t) UCL	43.98
2081				Assuming Gamma Distribution							95% KM (z) UCL	43.52
2082					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	43.97
2083					Minimum	1E-09					95% KM (bootstrap t) UCL	81.2
2084					Maximum	314					95% KM (BCA) UCL	46.31
2085					Mean	27.43					95% KM (Percentile Bootstrap) UCL	45.42
2086					Median	11.65					95% KM (Chebyshev) UCL	69.92
2087					SD	56.73					97.5% KM (Chebyshev) UCL	88.26
2088					k star	0.429					99% KM (Chebyshev) UCL	124.3
2089					Theta star	63.88						
2090					Nu star	29.2					Potential UCLs to Use	
2091					AppChi2	17.87					97.5% KM (Chebyshev) UCL	88.26
2092					95% Gamma Approximate UCL	44.84						
2093					95% Adjusted Gamma UCL	45.97						
2094	Note: DL/2 is not a recommended method.											
2095												

1				General UCL Statistics for Data Sets with Non-Detects								
2			User Selected Options									
3			From File	C:\Documents and Settings\swebersnapp\Desktop\OU3_Chris\ProUCL\Excavation\ProUCL_Input_withoutTEG\O								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8												
9	Arsenic											
10						General Statistics						
11						Number of Valid Data	3			Number of Detected Data	2	
12						Number of Distinct Detected Data	2			Number of Non-Detect Data	1	
13										Percent Non-Detects	33.33%	
14												
15						Warning: This data set only has 3 observations!						
16						Data set is too small to compute reliable and meaningful statistics and estimates!						
17						The data set for variable Arsenic was not processed!						
18												
19						It is suggested to collect at least 8 to 10 observations before using these statistical methods!						
20						If possible, compute and collect Data Quality Objectives (DQO) based sample size and analytical results.						
21												
22												
23	Benzo(a)anthracene											
24						General Statistics						
25						Number of Valid Data	27			Number of Detected Data	7	
26						Number of Distinct Detected Data	7			Number of Non-Detect Data	20	
27										Percent Non-Detects	74.07%	
28												
29						Raw Statistics				Log-transformed Statistics		
30						Minimum Detected	0.026			Minimum Detected	-3.65	
31						Maximum Detected	0.92			Maximum Detected	-0.0834	
32						Mean of Detected	0.42			Mean of Detected	-1.537	
33						SD of Detected	0.37			SD of Detected	1.476	
34						Minimum Non-Detect	0.33			Minimum Non-Detect	-1.109	
35						Maximum Non-Detect	0.39			Maximum Non-Detect	-0.942	
36												
37						Note: Data have multiple DLs - Use of KM Method is recommended				Number treated as Non-Detect	23	
38						For all methods (except KM, DL/2, and ROS Methods),				Number treated as Detected	4	
39						Observations < Largest ND are treated as NDs				Single DL Non-Detect Percentage	85.19%	
40												
41						Warning: There are only 7 Detected Values in this data						
42						Note: It should be noted that even though bootstrap may be performed on this data set						
43						the resulting calculations may not be reliable enough to draw conclusions						
44												
45						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
46												
47						UCL Statistics						
48						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
49						Shapiro Wilk Test Statistic	0.873			Shapiro Wilk Test Statistic	0.838	
50						5% Shapiro Wilk Critical Value	0.803			5% Shapiro Wilk Critical Value	0.803	
51						Data appear Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level		
52												
53						Assuming Normal Distribution				Assuming Lognormal Distribution		

54				DL/2 Substitution Method							DL/2 Substitution Method	
55				Mean	0.241						Mean	-1.675
56				SD	0.208						SD	0.715
57				95% DL/2 (t) UCL	0.31						95% H-Stat (DL/2) UCL	0.347
58												
59				Maximum Likelihood Estimate(MLE) Method	N/A						Log ROS Method	
60				**MLE yields a negative mean**							Mean in Log Scale	-2.586
61											SD in Log Scale	1.122
62											Mean in Original Scale	0.157
63											SD in Original Scale	0.241
64											95% Percentile Bootstrap UCL	0.235
65											95% BCA Bootstrap UCL	0.254
66												
67				**Gamma Distribution Test with Detected Values Only**							**Data Distribution Test with Detected Values Only**	
68				k star (bias corrected)	0.596						**Data appear Normal at 5% Significance Level**	
69				Theta Star	0.705							
70				nu star	8.34							
71												
72				A-D Test Statistic	0.61						**Nonparametric Statistics**	
73				5% A-D Critical Value	0.732						Kaplan-Meier (KM) Method	
74				K-S Test Statistic	0.732						Mean	0.146
75				5% K-S Critical Value	0.321						SD	0.239
76				**Data appear Gamma Distributed at 5% Significance Level**							SE of Mean	0.0503
77											95% KM (t) UCL	0.232
78				**Assuming Gamma Distribution**							95% KM (z) UCL	0.229
79				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.228
80				Minimum	0.026						95% KM (bootstrap t) UCL	0.257
81				Maximum	0.92						95% KM (BCA) UCL	0.519
82				Mean	0.419						95% KM (Percentile Bootstrap) UCL	0.269
83				Median	0.404						95% KM (Chebyshev) UCL	0.365
84				SD	0.198						97.5% KM (Chebyshev) UCL	0.46
85				k star	2.449						99% KM (Chebyshev) UCL	0.647
86				Theta star	0.171							
87				Nu star	132.2						**Potential UCLs to Use**	
88				AppChi2	106.7						95% KM (t) UCL	0.232
89				95% Gamma Approximate UCL	0.519						95% KM (Percentile Bootstrap) UCL	0.269
90				95% Adjusted Gamma UCL	0.526							
91	**Note: DL/2 is not a recommended method.**											
92												
93												
94	**Benzo(a)pyrene**											
95											**General Statistics**	
96				Number of Valid Data	27						Number of Detected Data	6
97				Number of Distinct Detected Data	6						Number of Non-Detect Data	21
98											Percent Non-Detects	77.78%
99												
100				**Raw Statistics**							**Log-transformed Statistics**	
101				Minimum Detected	0.029						Minimum Detected	-3.54
102				Maximum Detected	1.37						Maximum Detected	0.315
103				Mean of Detected	0.609						Mean of Detected	-1.4
104				SD of Detected	0.64						SD of Detected	1.708
105				Minimum Non-Detect	0.33						Minimum Non-Detect	-1.109
106				Maximum Non-Detect	0.39						Maximum Non-Detect	-0.942

	A	B	C	D	E	F	G	H	I	J	K	L
107												
108	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	24
109	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
110	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	88.89%
111												
112	**Warning: There are only 6 Detected Values in this data**											
113	**Note: It should be noted that even though bootstrap may be performed on this data set**											
114	**the resulting calculations may not be reliable enough to draw conclusions**											
115												
116	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
117												
118	**UCL Statistics**											
119	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
120	Shapiro Wilk Test Statistic					0.799	Shapiro Wilk Test Statistic					0.841
121	5% Shapiro Wilk Critical Value					0.788	5% Shapiro Wilk Critical Value					0.788
122	**Data appear Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
123												
124	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
125	DL/2 Substitution Method						DL/2 Substitution Method					
126	Mean					0.274	Mean					-1.654
127	SD					0.335	SD					0.763
128	95% DL/2 (t) UCL					0.384	95% H-Stat (DL/2) UCL					0.353
129												
130	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
131	**MLE yields a negative mean**						Mean in Log Scale					-2.491
132							SD in Log Scale					1.187
133							Mean in Original Scale					0.198
134							SD in Original Scale					0.363
135							95% Percentile Bootstrap UCL					0.324
136							95% BCA Bootstrap UCL					0.364
137												
138	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
139	k star (bias corrected)					0.447	**Data appear Normal at 5% Significance Level**					
140	Theta Star					1.364						
141	nu star					5.362						
142												
143	A-D Test Statistic					0.593	**Nonparametric Statistics**					
144	5% A-D Critical Value					0.726	Kaplan-Meier (KM) Method					
145	K-S Test Statistic					0.726	Mean					0.181
146	5% K-S Critical Value					0.345	SD					0.359
147	**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean					0.0764
148							95% KM (t) UCL					0.312
149	**Assuming Gamma Distribution**						95% KM (z) UCL					0.307
150	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.304
151	Minimum					0.029	95% KM (bootstrap t) UCL					0.405
152	Maximum					1.37	95% KM (BCA) UCL					0.813
153	Mean					0.542	95% KM (Percentile Bootstrap) UCL					0.399
154	Median					0.577	95% KM (Chebyshev) UCL					0.514
155	SD					0.348	97.5% KM (Chebyshev) UCL					0.659
156	k star					1.559	99% KM (Chebyshev) UCL					0.942
157	Theta star					0.347						
158	Nu star					84.18	**Potential UCLs to Use**					
159	AppChi2					64.03	95% KM (t) UCL					0.312

160				95% Gamma Approximate UCL		0.712				95% KM (Percentile Bootstrap) UCL		0.399
161				95% Adjusted Gamma UCL		0.725						
162	Note: DL/2 is not a recommended method.											
163												
164												
165	Benzo(b)fluoranthene											
166						General Statistics						
167				Number of Valid Data		27				Number of Detected Data		6
168				Number of Distinct Detected Data		6				Number of Non-Detect Data		21
169										Percent Non-Detects		77.78%
170												
171				Raw Statistics						Log-transformed Statistics		
172				Minimum Detected		0.051				Minimum Detected		-2.976
173				Maximum Detected		2.18				Maximum Detected		0.779
174				Mean of Detected		0.922				Mean of Detected		-0.726
175				SD of Detected		0.816				SD of Detected		1.514
176				Minimum Non-Detect		0.33				Minimum Non-Detect		-1.109
177				Maximum Non-Detect		0.39				Maximum Non-Detect		-0.942
178												
179	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		23
180	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		4
181	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		85.19%
182												
183	Warning: There are only 6 Detected Values in this data											
184	Note: It should be noted that even though bootstrap may be performed on this data set											
185	the resulting calculations may not be reliable enough to draw conclusions											
186												
187	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
188												
189						UCL Statistics						
190				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
191				Shapiro Wilk Test Statistic		0.939				Shapiro Wilk Test Statistic		0.878
192				5% Shapiro Wilk Critical Value		0.788				5% Shapiro Wilk Critical Value		0.788
193				Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
194												
195				Assuming Normal Distribution						Assuming Lognormal Distribution		
196				DL/2 Substitution Method						DL/2 Substitution Method		
197				Mean		0.344				Mean		-1.502
198				SD		0.477				SD		0.789
199				95% DL/2 (t) UCL		0.5				95% H-Stat (DL/2) UCL		0.362
200												
201				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
202				Mean		1.431				Mean in Log Scale		-2.149
203				SD		0.549				SD in Log Scale		1.215
204				95% MLE (t) UCL		1.612				Mean in Original Scale		0.282
205				95% MLE (Tiku) UCL		1.894				SD in Original Scale		0.503
206										95% Percentile Bootstrap UCL		0.444
207										95% BCA Bootstrap UCL		0.514
208												
209				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
210				k star (bias corrected)		0.564				Data appear Normal at 5% Significance Level		
211				Theta Star		1.634						
212				nu star		6.768						

213												
214					A-D Test Statistic	0.35			Nonparametric Statistics			
215					5% A-D Critical Value	0.717					Kaplan-Meier (KM) Method	
216					K-S Test Statistic	0.717					Mean	0.267
217					5% K-S Critical Value	0.342					SD	0.496
218					Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.106
219											95% KM (t) UCL	0.449
220					Assuming Gamma Distribution						95% KM (z) UCL	0.442
221					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.443
222					Minimum	0.051					95% KM (bootstrap t) UCL	0.495
223					Maximum	2.18					95% KM (BCA) UCL	1.205
224					Mean	0.917					95% KM (Percentile Bootstrap) UCL	0.856
225					Median	0.854					95% KM (Chebyshev) UCL	0.731
226					SD	0.51					97.5% KM (Chebyshev) UCL	0.931
227					k star	2.138					99% KM (Chebyshev) UCL	1.325
228					Theta star	0.429						
229					Nu star	115.4			Potential UCLs to Use			
230					AppChi2	91.64					95% KM (t) UCL	0.449
231					95% Gamma Approximate UCL	1.155					95% KM (Percentile Bootstrap) UCL	0.856
232					95% Adjusted Gamma UCL	1.173						
233	Note: DL/2 is not a recommended method.											
234												
235												
236	Chromium											
237					General Statistics							
238					Number of Valid Observations	3			Number of Distinct Observations	3		
239												
240					Warning: This data set only has 3 observations!							
241					Data set is too small to compute reliable and meaningful statistics and estimates!							
242					The data set for variable Chromium was not processed!							
243												
244					It is suggested to collect at least 8 to 10 observations before using these statistical methods!							
245					If possible, compute and collect Data Quality Objectives (DQO) based sample size and analytical results.							
246												
247												
248	Dibenzo(a,h)anthracene											
249					General Statistics							
250					Number of Valid Data	27			Number of Detected Data	2		
251					Number of Distinct Detected Data	2			Number of Non-Detect Data	25		
252									Percent Non-Detects	92.59%		
253												
254					Raw Statistics				Log-transformed Statistics			
255					Minimum Detected	0.05			Minimum Detected	-2.996		
256					Maximum Detected	0.32			Maximum Detected	-1.139		
257					Mean of Detected	0.185			Mean of Detected	-2.068		
258					SD of Detected	0.191			SD of Detected	1.313		
259					Minimum Non-Detect	0.33			Minimum Non-Detect	-1.109		
260					Maximum Non-Detect	0.39			Maximum Non-Detect	-0.942		
261												
262	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	27		
263	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	0		
264	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	100.00%		
265												

	A	B	C	D	E	F	G	H	I	J	K	L
266	Warning: Data set has only 2 Distinct Detected Values.											
267	This may not be adequate enough to compute meaningful and reliable test statistics and estimates.											
268	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
269												
270	Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.											
271												
272	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
273	Those methods will return a 'N/A' value on your output display!											
274												
275	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
276	However, results obtained using 4 to 9 distinct values may not be reliable.											
277	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
278												
279	UCL Statistics											
280	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
281	Shapiro Wilk Test Statistic					N/A	Shapiro Wilk Test Statistic					N/A
282	5% Shapiro Wilk Critical Value					N/A	5% Shapiro Wilk Critical Value					N/A
283	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
284												
285	Assuming Normal Distribution						Assuming Lognormal Distribution					
286	DL/2 Substitution Method						DL/2 Substitution Method					
287	Mean					0.178	Mean					-1.755
288	SD					0.0386	SD					0.278
289	95% DL/2 (t) UCL					0.191	95% H-Stat (DL/2) UCL					0.199
290												
291	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
292	MLE method failed to converge properly						Mean in Log Scale					N/A
293							SD in Log Scale					N/A
294							Mean in Original Scale					N/A
295							SD in Original Scale					N/A
296							95% Percentile Bootstrap UCL					N/A
297							95% BCA Bootstrap UCL					N/A
298												
299	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
300	k star (bias corrected)					N/A	Data do not follow a Discernable Distribution (0.05)					
301	Theta Star					N/A						
302	nu star					N/A						
303												
304	A-D Test Statistic					N/A	Nonparametric Statistics					
305	5% A-D Critical Value					N/A	Kaplan-Meier (KM) Method					
306	K-S Test Statistic					N/A	Mean					0.185
307	5% K-S Critical Value					N/A	SD					0.135
308	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.135
309							95% KM (t) UCL					0.415
310	Assuming Gamma Distribution						95% KM (z) UCL					0.407
311	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.505
312	Minimum					N/A	95% KM (bootstrap t) UCL					0.455
313	Maximum					N/A	95% KM (BCA) UCL					0.32
314	Mean					N/A	95% KM (Percentile Bootstrap) UCL					0.32
315	Median					N/A	95% KM (Chebyshev) UCL					0.773
316	SD					N/A	97.5% KM (Chebyshev) UCL					1.028
317	k star					N/A	99% KM (Chebyshev) UCL					1.528
318	Theta star					N/A						

319					Nu star	N/A		Potential UCLs to Use				
320					AppChi2	N/A				95% KM (BCA) UCL		0.32
321				95% Gamma Approximate UCL		N/A						
322				95% Adjusted Gamma UCL		N/A						
323	Note: DL/2 is not a recommended method.											
324												
325												
326	Mercury											
327						General Statistics						
328					Number of Valid Data	27				Number of Detected Data		3
329				Number of Distinct Detected Data		3				Number of Non-Detect Data		24
330										Percent Non-Detects		88.89%
331												
332				Raw Statistics						Log-transformed Statistics		
333					Minimum Detected	0.0909				Minimum Detected		-2.398
334					Maximum Detected	1.67				Maximum Detected		0.513
335					Mean of Detected	0.663				Mean of Detected		-1.123
336					SD of Detected	0.875				SD of Detected		1.488
337					Minimum Non-Detect	0.054				Minimum Non-Detect		-2.919
338					Maximum Non-Detect	0.65				Maximum Non-Detect		-0.431
339												
340	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		26
341	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
342	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		96.30%
343												
344	Warning: There are only 3 Distinct Detected Values in this data set											
345	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
346	Those methods will return a 'N/A' value on your output display!											
347												
348	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
349	However, results obtained using 4 to 9 distinct values may not be reliable.											
350	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
351												
352												
353						UCL Statistics						
354				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
355					Shapiro Wilk Test Statistic	0.814				Shapiro Wilk Test Statistic		0.956
356					5% Shapiro Wilk Critical Value	0.767				5% Shapiro Wilk Critical Value		0.767
357				Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
358												
359				Assuming Normal Distribution						Assuming Lognormal Distribution		
360					DL/2 Substitution Method					DL/2 Substitution Method		
361					Mean	0.326				Mean		-1.299
362					SD	0.277				SD		0.623
363					95% DL/2 (t) UCL	0.417				95% H-Stat (DL/2) UCL		0.413
364												
365					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
366				MLE method failed to converge properly						Mean in Log Scale		-2.46
367										SD in Log Scale		0.912
368										Mean in Original Scale		0.154
369										SD in Original Scale		0.309
370										95% Percentile Bootstrap UCL		0.272
371										95% BCA Bootstrap UCL		0.34

	A	B	C	D	E	F	G	H	I	J	K	L
372												
373	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
374	k star (bias corrected)					N/A	**Data appear Normal at 5% Significance Level**					
375	Theta Star					N/A						
376	nu star					N/A						
377												
378	A-D Test Statistic					N/A	**Nonparametric Statistics**					
379	5% A-D Critical Value					N/A	Kaplan-Meier (KM) Method					
380	K-S Test Statistic					N/A	Mean					0.193
381	5% K-S Critical Value					N/A	SD					0.296
382	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					0.0811
383							95% KM (t) UCL					0.331
384	**Assuming Gamma Distribution**						95% KM (z) UCL					0.326
385	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.324
386	Minimum					N/A	95% KM (bootstrap t) UCL					0.352
387	Maximum					N/A	95% KM (BCA) UCL					1.67
388	Mean					N/A	95% KM (Percentile Bootstrap) UCL					1.67
389	Median					N/A	95% KM (Chebyshev) UCL					0.546
390	SD					N/A	97.5% KM (Chebyshev) UCL					0.699
391	k star					N/A	99% KM (Chebyshev) UCL					1
392	Theta star					N/A						
393	Nu star					N/A	**Potential UCLs to Use**					
394	AppChi2					N/A	95% KM (t) UCL					0.331
395	95% Gamma Approximate UCL					N/A	95% KM (Percentile Bootstrap) UCL					1.67
396	95% Adjusted Gamma UCL					N/A						
397	**Note: DL/2 is not a recommended method.**											
398												
399												
400												
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403												
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478												
479												
480												
481												
482	**Chromium**											
483												
484						**General Statistics**							
485					Number of Valid Observations	3			Number of Distinct Observations	3		
486												
487												
488						**Warning: This data set only has 3 observations!**							
489						**Data set is too small to compute reliable and meaningful statistics and estimates!**							
490						**The data set for variable Chromium was not processed!**							
491												
492						**It is suggested to collect at least 8 to 10 observations before using these statistical methods!**							
493						**If possible, compute and collect Data Quality Objectives (DQO) based sample size and analytical results.**							
494												
495												
496	**Lead**											
497												
498						**General Statistics**							
499					Number of Valid Data	27			Number of Detected Data	12		
500					Number of Distinct Detected Data	12			Number of Non-Detect Data	15		
501									Percent Non-Detects	55.56%		
502												
503					**Raw Statistics**				**Log-transformed Statistics**			
504					Minimum Detected	11.8			Minimum Detected	2.468		
505					Maximum Detected	3155			Maximum Detected	8.057		
506					Mean of Detected	342.1			Mean of Detected	4.454		
507					SD of Detected	888			SD of Detected	1.449		
508					Minimum Non-Detect	11			Minimum Non-Detect	2.398		
509					Maximum Non-Detect	13			Maximum Non-Detect	2.565		
510												
511	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	16		
512	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	11		
513	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	59.26%		
514												
515						**UCL Statistics**							
516					**Normal Distribution Test with Detected Values Only**				**Lognormal Distribution Test with Detected Values Only**			
517					Shapiro Wilk Test Statistic	0.389			Shapiro Wilk Test Statistic	0.899		
518					5% Shapiro Wilk Critical Value	0.859			5% Shapiro Wilk Critical Value	0.859		
519					**Data not Normal at 5% Significance Level**				**Data appear Lognormal at 5% Significance Level**			
520												
521					**Assuming Normal Distribution**				**Assuming Lognormal Distribution**			
522					DL/2 Substitution Method				DL/2 Substitution Method			
523					Mean	155.3			Mean	2.967		
524					SD	602.2			SD	1.652		
525					95% DL/2 (t) UCL	353			95% H-Stat (DL/2) UCL	138.7		
526												
527					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
528					**MLE yields a negative mean**				Mean in Log Scale	2.24		
529									SD in Log Scale	2.275		
530									Mean in Original Scale	153.1		

531											SD in Original Scale	602.8
532											95% Percentile Bootstrap UCL	379.9
533											95% BCA Bootstrap UCL	505.8
534												
535	**Gamma Distribution Test with Detected Values Only**							**Data Distribution Test with Detected Values Only**				
536				k star (bias corrected)	0.404			**Data appear Lognormal at 5% Significance Level**				
537				Theta Star	845.8							
538				nu star	9.708							
539												
540				A-D Test Statistic	1.585			**Nonparametric Statistics**				
541				5% A-D Critical Value	0.792						Kaplan-Meier (KM) Method	
542				K-S Test Statistic	0.792						Mean	158.6
543				5% K-S Critical Value	0.26						SD	590.1
544	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	118.6
545											95% KM (t) UCL	360.9
546	**Assuming Gamma Distribution**										95% KM (z) UCL	353.7
547			Gamma ROS Statistics using Extrapolated Data								95% KM (jackknife) UCL	354.9
548				Minimum	11.8						95% KM (bootstrap t) UCL	2040
549				Maximum	3155						95% KM (BCA) UCL	394.7
550				Mean	342.7						95% KM (Percentile Bootstrap) UCL	392.7
551				Median	340.6						95% KM (Chebyshev) UCL	675.6
552				SD	577.6						97.5% KM (Chebyshev) UCL	899.4
553				k star	0.866						99% KM (Chebyshev) UCL	1339
554				Theta star	395.7							
555				Nu star	46.78			**Potential UCLs to Use**				
556				AppChi2	32.08						95% KM (BCA) UCL	394.7
557				95% Gamma Approximate UCL	499.7							
558				95% Adjusted Gamma UCL	512.1							
559	**Note: DL/2 is not a recommended method.**											
560												

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3			From File	C:\Documents and Settings\swebersnapp\Desktop\OU3_Chris\ProUCL\Excavation\ProUCL_Input_withoutTEG\Q								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8												
9	Aroclor-1260											
10						General Statistics						
11						Number of Valid Data	70			Number of Detected Data	7	
12						Number of Distinct Detected Data	7			Number of Non-Detect Data	63	
13										Percent Non-Detects	90.00%	
14												
15						Raw Statistics				Log-transformed Statistics		
16						Minimum Detected	0.027			Minimum Detected	-3.612	
17						Maximum Detected	0.9			Maximum Detected	-0.105	
18						Mean of Detected	0.349			Mean of Detected	-1.75	
19						SD of Detected	0.374			SD of Detected	1.412	
20						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
21						Maximum Non-Detect	2.5			Maximum Non-Detect	0.916	
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	70	
24	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
25	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
26												
27						Warning: There are only 7 Detected Values in this data						
28						Note: It should be noted that even though bootstrap may be performed on this data set						
29						the resulting calculations may not be reliable enough to draw conclusions						
30												
31						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
32												
33												
34						UCL Statistics						
35						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
36						Shapiro Wilk Test Statistic	0.803			Shapiro Wilk Test Statistic	0.915	
37						5% Shapiro Wilk Critical Value	0.803			5% Shapiro Wilk Critical Value	0.803	
38						Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level		
39												
40						Assuming Normal Distribution				Assuming Lognormal Distribution		
41						DL/2 Substitution Method				DL/2 Substitution Method		
42						Mean	0.434			Mean	-2.743	
43						SD	0.529			SD	2.507	
44						95% DL/2 (t) UCL	0.539			95% H-Stat (DL/2) UCL	3.845	
45												
46						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
47						MLE method failed to converge properly				Mean in Log Scale	-6.467	
48										SD in Log Scale	2.096	
49										Mean in Original Scale	0.0367	
50										SD in Original Scale	0.152	
51										95% Percentile Bootstrap UCL	0.0701	
52										95% BCA Bootstrap UCL	0.0839	
53												

	A	B	C	D	E	F	G	H	I	J	K	L
54	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
55					k star (bias corrected)	0.579	Data appear Gamma Distributed at 5% Significance Level					
56					Theta Star	0.603						
57					nu star	8.101						
58												
59					A-D Test Statistic	0.348	Nonparametric Statistics					
60					5% A-D Critical Value	0.733				Kaplan-Meier (KM) Method		
61					K-S Test Statistic	0.733				Mean		0.0764
62					5% K-S Critical Value	0.321				SD		0.178
63	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.0283
64										95% KM (t) UCL		0.124
65	Assuming Gamma Distribution									95% KM (z) UCL		0.123
66				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.115
67					Minimum	0.027				95% KM (bootstrap t) UCL		0.186
68					Maximum	0.9				95% KM (BCA) UCL		0.313
69					Mean	0.423				95% KM (Percentile Bootstrap) UCL		0.163
70					Median	0.403				95% KM (Chebyshev) UCL		0.2
71					SD	0.182				97.5% KM (Chebyshev) UCL		0.253
72					k star	3.905				99% KM (Chebyshev) UCL		0.358
73					Theta star	0.108						
74					Nu star	546.6	Potential UCLs to Use					
75					AppChi2	493.4				95% KM (t) UCL		0.124
76				95% Gamma Approximate UCL		0.468						
77				95% Adjusted Gamma UCL		0.469						
78	Note: DL/2 is not a recommended method.											
79												
80	Aroclor-1268											
81												
82	General Statistics											
83					Number of Valid Data	48				Number of Detected Data		20
84					Number of Distinct Detected Data	20				Number of Non-Detect Data		28
85										Percent Non-Detects		58.33%
86												
87	Raw Statistics						Log-transformed Statistics					
88					Minimum Detected	0.0023				Minimum Detected		-6.075
89					Maximum Detected	0.57				Maximum Detected		-0.562
90					Mean of Detected	0.0992				Mean of Detected		-3.091
91					SD of Detected	0.132				SD of Detected		1.424
92					Minimum Non-Detect	0.0021				Minimum Non-Detect		-6.166
93					Maximum Non-Detect	2.5				Maximum Non-Detect		0.916
94												
95	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		48
96	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
97	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
98												
99	UCL Statistics											
100	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
101					Shapiro Wilk Test Statistic	0.694				Shapiro Wilk Test Statistic		0.977
102					5% Shapiro Wilk Critical Value	0.905				5% Shapiro Wilk Critical Value		0.905
103	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
104												
105	Assuming Normal Distribution						Assuming Lognormal Distribution					
106					DL/2 Substitution Method					DL/2 Substitution Method		

	A	B	C	D	E	F	G	H	I	J	K	L
107					Mean	0.607					Mean	-1.698
108					SD	0.537					SD	2.19
109					95% DL/2 (t) UCL	0.737					95% H-Stat (DL/2) UCL	5.308
110												
111					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
112					**MLE method failed to converge properly**						Mean in Log Scale	-3.533
113											SD in Log Scale	1.248
114											Mean in Original Scale	0.0592
115											SD in Original Scale	0.0922
116											95% Percentile Bootstrap UCL	0.0832
117											95% BCA Bootstrap UCL	0.0946
118												
119					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
120					k star (bias corrected)	0.684					**Data appear Gamma Distributed at 5% Significance Level**	
121					Theta Star	0.145						
122					nu star	27.34						
123												
124					A-D Test Statistic	0.207					**Nonparametric Statistics**	
125					5% A-D Critical Value	0.779					Kaplan-Meier (KM) Method	
126					K-S Test Statistic	0.779					Mean	0.0836
127					5% K-S Critical Value	0.201					SD	0.122
128					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.0256
129											95% KM (t) UCL	0.127
130					**Assuming Gamma Distribution**						95% KM (z) UCL	0.126
131					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.127
132					Minimum	1E-09					95% KM (bootstrap t) UCL	0.164
133					Maximum	0.57					95% KM (BCA) UCL	0.133
134					Mean	0.105					95% KM (Percentile Bootstrap) UCL	0.129
135					Median	0.102					95% KM (Chebyshev) UCL	0.195
136					SD	0.101					97.5% KM (Chebyshev) UCL	0.244
137					k star	0.413					99% KM (Chebyshev) UCL	0.339
138					Theta star	0.253						
139					Nu star	39.67					**Potential UCLs to Use**	
140					AppChi2	26.24					95% KM (t) UCL	0.127
141					95% Gamma Approximate UCL	0.158						
142					95% Adjusted Gamma UCL	0.16						
143	**Note: DL/2 is not a recommended method.**											
144												
145												
146	**Arsenic**											
147									**General Statistics**			
148					Number of Valid Data	40					Number of Detected Data	19
149					Number of Distinct Detected Data	19					Number of Non-Detect Data	21
150											Percent Non-Detects	52.50%
151												
152					**Raw Statistics**						**Log-transformed Statistics**	
153					Minimum Detected	0.27					Minimum Detected	-1.309
154					Maximum Detected	3.5					Maximum Detected	1.253
155					Mean of Detected	1.119					Mean of Detected	-0.33
156					SD of Detected	1.091					SD of Detected	0.947
157					Minimum Non-Detect	1.5					Minimum Non-Detect	0.405
158					Maximum Non-Detect	4					Maximum Non-Detect	1.386
159												

160	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	40
161	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
162	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
163												
164	**UCL Statistics**											
165	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
166	Shapiro Wilk Test Statistic				0.766		Shapiro Wilk Test Statistic					0.837
167	5% Shapiro Wilk Critical Value				0.901		5% Shapiro Wilk Critical Value					0.901
168	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
169												
170	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
171	DL/2 Substitution Method						DL/2 Substitution Method					
172	Mean				1.113		Mean					-0.145
173	SD				0.822		SD					0.725
174	95% DL/2 (t) UCL				1.332		95% H-Stat (DL/2) UCL					1.421
175												
176	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
177	**MLE method failed to converge properly**						Mean in Log Scale					-0.533
178							SD in Log Scale					0.762
179							Mean in Original Scale					0.819
180							SD in Original Scale					0.818
181							95% Percentile Bootstrap UCL					1.019
182							95% BCA Bootstrap UCL					1.068
183												
184	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
185	k star (bias corrected)				1.106		**Data do not follow a Discernable Distribution (0.05)**					
186	Theta Star				1.012							
187	nu star				42.03							
188												
189	A-D Test Statistic				1.536		**Nonparametric Statistics**					
190	5% A-D Critical Value				0.763		Kaplan-Meier (KM) Method					
191	K-S Test Statistic				0.763		Mean					0.825
192	5% K-S Critical Value				0.203		SD					0.872
193	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					0.159
194							95% KM (t) UCL					1.094
195	**Assuming Gamma Distribution**						95% KM (z) UCL					1.088
196	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					1.093
197	Minimum				0.27		95% KM (bootstrap t) UCL					1.189
198	Maximum				3.5		95% KM (BCA) UCL					1.074
199	Mean				1.118		95% KM (Percentile Bootstrap) UCL					1.094
200	Median				1.113		95% KM (Chebyshev) UCL					1.52
201	SD				0.741		97.5% KM (Chebyshev) UCL					1.821
202	k star				2.362		99% KM (Chebyshev) UCL					2.411
203	Theta star				0.473							
204	Nu star				188.9		**Potential UCLs to Use**					
205	AppChi2				158.1		95% KM (t) UCL					1.094
206	95% Gamma Approximate UCL				1.335		95% KM (% Bootstrap) UCL					1.094
207	95% Adjusted Gamma UCL				1.344							
208	**Note: DL/2 is not a recommended method.**											
209												
210												
211	**Benzo(a)anthracene**											
212	**General Statistics**											

	A	B	C	D	E	F	G	H	I	J	K	L
213					Number of Valid Data	78				Number of Detected Data		23
214					Number of Distinct Detected Data	23				Number of Non-Detect Data		55
215										Percent Non-Detects		70.51%
216												
217				**Raw Statistics**						**Log-transformed Statistics**		
218					Minimum Detected	0.0017				Minimum Detected		-6.377
219					Maximum Detected	1.3				Maximum Detected		0.262
220					Mean of Detected	0.239				Mean of Detected		-3.103
221					SD of Detected	0.396				SD of Detected		2.124
222					Minimum Non-Detect	0.00048				Minimum Non-Detect		-7.642
223					Maximum Non-Detect	13				Maximum Non-Detect		2.565
224												
225	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		78
226	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
227	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
228												
229					**UCL Statistics**							
230				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
231					Shapiro Wilk Test Statistic	0.638				Shapiro Wilk Test Statistic		0.944
232					5% Shapiro Wilk Critical Value	0.914				5% Shapiro Wilk Critical Value		0.914
233				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
234												
235				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
236					DL/2 Substitution Method					DL/2 Substitution Method		
237					Mean	1.027				Mean		-1.709
238					SD	1.713				SD		2.29
239					95% DL/2 (t) UCL	1.35				95% H-Stat (DL/2) UCL		6.899
240												
241					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
242				**MLE method failed to converge properly**						Mean in Log Scale		-4.069
243										SD in Log Scale		1.728
244										Mean in Original Scale		0.0869
245										SD in Original Scale		0.235
246										95% Percentile Bootstrap UCL		0.133
247										95% BCA Bootstrap UCL		0.142
248												
249				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
250					k star (bias corrected)	0.372				**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
251					Theta Star	0.641						
252					nu star	17.12						
253												
254					A-D Test Statistic	0.869				**Nonparametric Statistics**		
255					5% A-D Critical Value	0.828				Kaplan-Meier (KM) Method		
256					K-S Test Statistic	0.828				Mean		0.113
257					5% K-S Critical Value	0.195				SD		0.258
258				**Data follow Appr. Gamma Distribution at 5% Significance Level**						SE of Mean		0.0347
259										95% KM (t) UCL		0.171
260				**Assuming Gamma Distribution**						95% KM (z) UCL		0.17
261					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.17
262					Minimum	0.0017				95% KM (bootstrap t) UCL		0.19
263					Maximum	1.3				95% KM (BCA) UCL		0.176
264					Mean	0.222				95% KM (Percentile Bootstrap) UCL		0.171
265					Median	0.178				95% KM (Chebyshev) UCL		0.265

266					SD	0.238				97.5% KM (Chebyshev) UCL		0.33
267					k star	0.922				99% KM (Chebyshev) UCL		0.459
268					Theta star	0.241						
269					Nu star	143.9				**Potential UCLs to Use**		
270					AppChi2	117.2				95% KM (t) UCL		0.171
271					95% Gamma Approximate UCL	0.273						
272					95% Adjusted Gamma UCL	0.274						
273	**Note: DL/2 is not a recommended method.**											
274												
275												
276	**Benzo(a)pyrene**											
277					**General Statistics**							
278					Number of Valid Data	78				Number of Detected Data		23
279					Number of Distinct Detected Data	22				Number of Non-Detect Data		55
280										Percent Non-Detects		70.51%
281												
282					**Raw Statistics**					**Log-transformed Statistics**		
283					Minimum Detected	0.0018				Minimum Detected		-6.32
284					Maximum Detected	1.3				Maximum Detected		0.262
285					Mean of Detected	0.176				Mean of Detected		-3.228
286					SD of Detected	0.314				SD of Detected		1.987
287					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
288					Maximum Non-Detect	13				Maximum Non-Detect		2.565
289												
290	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		78
291	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
292	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
293												
294					**UCL Statistics**							
295					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
296					Shapiro Wilk Test Statistic	0.605				Shapiro Wilk Test Statistic		0.953
297					5% Shapiro Wilk Critical Value	0.914				5% Shapiro Wilk Critical Value		0.914
298					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
299												
300					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
301					DL/2 Substitution Method					DL/2 Substitution Method		
302					Mean	1.066				Mean		-1.605
303					SD	1.747				SD		2.18
304					95% DL/2 (t) UCL	1.395				95% H-Stat (DL/2) UCL		6.313
305												
306					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
307					**MLE method failed to converge properly**					Mean in Log Scale		-3.927
308										SD in Log Scale		1.541
309										Mean in Original Scale		0.0706
310										SD in Original Scale		0.183
311										95% Percentile Bootstrap UCL		0.108
312										95% BCA Bootstrap UCL		0.121
313												
314					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		
315					k star (bias corrected)	0.407				**Data appear Gamma Distributed at 5% Significance Level**		
316					Theta Star	0.433						
317					nu star	18.74						
318												

319				A-D Test Statistic	0.609			Nonparametric Statistics				
320				5% A-D Critical Value	0.819					Kaplan-Meier (KM) Method		
321				K-S Test Statistic	0.819					Mean		0.0959
322				5% K-S Critical Value	0.193					SD		0.205
323			Data appear Gamma Distributed at 5% Significance Level							SE of Mean		0.0286
324										95% KM (t) UCL		0.143
325			Assuming Gamma Distribution							95% KM (z) UCL		0.143
326			Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL		0.143
327				Minimum	0.0018					95% KM (bootstrap t) UCL		0.178
328				Maximum	1.3					95% KM (BCA) UCL		0.142
329				Mean	0.17					95% KM (Percentile Bootstrap) UCL		0.146
330				Median	0.154					95% KM (Chebyshev) UCL		0.22
331				SD	0.174					97.5% KM (Chebyshev) UCL		0.274
332				k star	1.163					99% KM (Chebyshev) UCL		0.38
333				Theta star	0.146							
334				Nu star	181.5			Potential UCLs to Use				
335				AppChi2	151.3					95% KM (t) UCL		0.143
336				95% Gamma Approximate UCL	0.204							
337				95% Adjusted Gamma UCL	0.205							
338	Note: DL/2 is not a recommended method.											
339												
340												
341	Benzo(b)fluoranthene											
342					General Statistics							
343				Number of Valid Data	37					Number of Detected Data		15
344				Number of Distinct Detected Data	15					Number of Non-Detect Data		22
345										Percent Non-Detects		59.46%
346												
347				Raw Statistics				Log-transformed Statistics				
348				Minimum Detected	0.0035					Minimum Detected		-5.655
349				Maximum Detected	0.69					Maximum Detected		-0.371
350				Mean of Detected	0.108					Mean of Detected		-3.558
351				SD of Detected	0.193					SD of Detected		1.704
352				Minimum Non-Detect	0.00025					Minimum Non-Detect		-8.294
353				Maximum Non-Detect	0.68					Maximum Non-Detect		-0.386
354												
355	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		36
356	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
357	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		97.30%
358												
359					UCL Statistics							
360			Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only				
361				Shapiro Wilk Test Statistic	0.611					Shapiro Wilk Test Statistic		0.932
362				5% Shapiro Wilk Critical Value	0.881					5% Shapiro Wilk Critical Value		0.881
363			Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level				
364												
365			Assuming Normal Distribution					Assuming Lognormal Distribution				
366				DL/2 Substitution Method						DL/2 Substitution Method		
367				Mean	0.136					Mean		-2.974
368				SD	0.135					SD		2.05
369				95% DL/2 (t) UCL	0.174					95% H-Stat (DL/2) UCL		1.18
370												
371				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		

372	MLE method failed to converge properly									Mean in Log Scale		-4.359
373										SD in Log Scale		1.617
374										Mean in Original Scale		0.0527
375										SD in Original Scale		0.13
376										95% Percentile Bootstrap UCL		0.0896
377										95% BCA Bootstrap UCL		0.107
378												
379	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
380				k star (bias corrected)		0.428				Data Follow Appr. Gamma Distribution at 5% Significance Level		
381				Theta Star		0.253						
382				nu star		12.84						
383												
384				A-D Test Statistic		0.874				Nonparametric Statistics		
385				5% A-D Critical Value		0.797				Kaplan-Meier (KM) Method		
386				K-S Test Statistic		0.797				Mean		0.0621
387				5% K-S Critical Value		0.234				SD		0.132
388	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean		0.0247
389										95% KM (t) UCL		0.104
390	Assuming Gamma Distribution									95% KM (z) UCL		0.103
391				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.103
392				Minimum		1E-09				95% KM (bootstrap t) UCL		0.146
393				Maximum		0.69				95% KM (BCA) UCL		0.111
394				Mean		0.102				95% KM (Percentile Bootstrap) UCL		0.103
395				Median		0.051				95% KM (Chebyshev) UCL		0.17
396				SD		0.153				97.5% KM (Chebyshev) UCL		0.216
397				k star		0.161				99% KM (Chebyshev) UCL		0.308
398				Theta star		0.634						
399				Nu star		11.91				Potential UCLs to Use		
400				AppChi2		5.169				95% KM (t) UCL		0.104
401				95% Gamma Approximate UCL		0.235						
402				95% Adjusted Gamma UCL		0.244						
403	Note: DL/2 is not a recommended method.											
404												
405												
406	Benzo(b/k)fluoranthene											
407	General Statistics											
408				Number of Valid Data		41				Number of Detected Data		9
409				Number of Distinct Detected Data		9				Number of Non-Detect Data		32
410										Percent Non-Detects		78.05%
411												
412	Raw Statistics									Log-transformed Statistics		
413				Minimum Detected		0.068				Minimum Detected		-2.688
414				Maximum Detected		1.6				Maximum Detected		0.47
415				Mean of Detected		0.436				Mean of Detected		-1.35
416				SD of Detected		0.518				SD of Detected		1.046
417				Minimum Non-Detect		0.35				Minimum Non-Detect		-1.05
418				Maximum Non-Detect		13				Maximum Non-Detect		2.565
419												
420	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		41
421	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
422	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
423												
424	Warning: There are only 9 Detected Values in this data											

	A	B	C	D	E	F	G	H	I	J	K	L
425	Note: It should be noted that even though bootstrap may be performed on this data set											
426	the resulting calculations may not be reliable enough to draw conclusions											
427												
428	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
429												
430												
431	UCL Statistics											
432	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
433	Shapiro Wilk Test Statistic					0.722	Shapiro Wilk Test Statistic					0.939
434	5% Shapiro Wilk Critical Value					0.829	5% Shapiro Wilk Critical Value					0.829
435	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
436												
437	Assuming Normal Distribution						Assuming Lognormal Distribution					
438	DL/2 Substitution Method						DL/2 Substitution Method					
439	Mean					1.931	Mean					-0.322
440	SD					2.072	SD					1.577
441	95% DL/2 (t) UCL					2.476	95% H-Stat (DL/2) UCL					9.275
442												
443	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
444	MLE method failed to converge properly						Mean in Log Scale					-1.615
445							SD in Log Scale					0.626
446							Mean in Original Scale					0.254
447							SD in Original Scale					0.263
448							95% Percentile Bootstrap UCL					0.33
449							95% BCA Bootstrap UCL					0.357
450												
451	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
452	k star (bias corrected)					0.806	Data appear Gamma Distributed at 5% Significance Level					
453	Theta Star					0.542						
454	nu star					14.5						
455												
456	A-D Test Statistic					0.544	Nonparametric Statistics					
457	5% A-D Critical Value					0.742	Kaplan-Meier (KM) Method					
458	K-S Test Statistic					0.742	Mean					0.283
459	5% K-S Critical Value					0.286	SD					0.33
460	Data appear Gamma Distributed at 5% Significance Level						SE of Mean					0.0772
461							95% KM (t) UCL					0.413
462	Assuming Gamma Distribution						95% KM (z) UCL					0.41
463	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.413
464	Minimum					0.068	95% KM (bootstrap t) UCL					0.491
465	Maximum					1.6	95% KM (BCA) UCL					0.413
466	Mean					0.414	95% KM (Percentile Bootstrap) UCL					0.416
467	Median					0.402	95% KM (Chebyshev) UCL					0.62
468	SD					0.241	97.5% KM (Chebyshev) UCL					0.765
469	k star					3.803	99% KM (Chebyshev) UCL					1.051
470	Theta star					0.109						
471	Nu star					311.8	Potential UCLs to Use					
472	AppChi2					271.9	95% KM (t) UCL					0.413
473	95% Gamma Approximate UCL					0.475						
474	95% Adjusted Gamma UCL					0.477						
475	Note: DL/2 is not a recommended method.											
476												
477												

478	bis(2-Ethylhexyl) phthalate											
479					General Statistics							
480					Number of Valid Data	52				Number of Detected Data	7	
481					Number of Distinct Detected Data	7				Number of Non-Detect Data	45	
482										Percent Non-Detects	86.54%	
483												
484					Raw Statistics					Log-transformed Statistics		
485					Minimum Detected	0.013				Minimum Detected	-4.343	
486					Maximum Detected	46				Maximum Detected	3.829	
487					Mean of Detected	6.973				Mean of Detected	-1.257	
488					SD of Detected	17.22				SD of Detected	2.924	
489					Minimum Non-Detect	0.007				Minimum Non-Detect	-4.962	
490					Maximum Non-Detect	13				Maximum Non-Detect	2.565	
491												
492	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	51	
493	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1	
494	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	98.08%	
495												
496					Warning: There are only 7 Detected Values in this data							
497					Note: It should be noted that even though bootstrap may be performed on this data set							
498					the resulting calculations may not be reliable enough to draw conclusions							
499												
500					It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.							
501												
502					UCL Statistics							
503					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
504					Shapiro Wilk Test Statistic	0.482				Shapiro Wilk Test Statistic	0.922	
505					5% Shapiro Wilk Critical Value	0.803				5% Shapiro Wilk Critical Value	0.803	
506					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
507												
508					Assuming Normal Distribution					Assuming Lognormal Distribution		
509					DL/2 Substitution Method					DL/2 Substitution Method		
510					Mean	2.56				Mean	-0.942	
511					SD	6.465				SD	2.439	
512					95% DL/2 (t) UCL	4.062				95% H-Stat (DL/2) UCL	31.26	
513												
514					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
515					MLE method failed to converge properly					Mean in Log Scale	-6.532	
516										SD in Log Scale	3.122	
517										Mean in Original Scale	0.942	
518										SD in Original Scale	6.376	
519										95% Percentile Bootstrap UCL	2.696	
520										95% BCA Bootstrap UCL	3.627	
521												
522					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
523					k star (bias corrected)	0.224				Data appear Gamma Distributed at 5% Significance Level		
524					Theta Star	31.1						
525					nu star	3.139						
526												
527					A-D Test Statistic	0.732				Nonparametric Statistics		
528					5% A-D Critical Value	0.812				Kaplan-Meier (KM) Method		
529					K-S Test Statistic	0.812				Mean	0.985	
530					5% K-S Critical Value	0.34				SD	6.312	

531	Data appear Gamma Distributed at 5% Significance Level										SE of Mean	0.946
532											95% KM (t) UCL	2.57
533	Assuming Gamma Distribution										95% KM (z) UCL	2.541
534	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	2.464
535	Minimum	1E-09									95% KM (bootstrap t) UCL	39.44
536	Maximum	100.6									95% KM (BCA) UCL	2.828
537	Mean	15.12									95% KM (Percentile Bootstrap) UCL	2.745
538	Median	4.704									95% KM (Chebyshev) UCL	5.109
539	SD	23.9									97.5% KM (Chebyshev) UCL	6.894
540	k star	0.111									99% KM (Chebyshev) UCL	10.4
541	Theta star	136.3										
542	Nu star	11.54									Potential UCLs to Use	
543	AppChi2	4.923									95% KM (t) UCL	2.57
544	95% Gamma Approximate UCL	35.44										
545	95% Adjusted Gamma UCL	36.35										
546	Note: DL/2 is not a recommended method.											
547												
548												
549	Chromium											
550	General Statistics											
551	Number of Valid Observations	40									Number of Distinct Observations	32
552												
553	Raw Statistics										Log-transformed Statistics	
554	Minimum	1.74									Minimum of Log Data	0.554
555	Maximum	17									Maximum of Log Data	2.833
556	Mean	4.211									Mean of log Data	1.295
557	Median	3.58									SD of log Data	0.497
558	SD	2.889										
559	Coefficient of Variation	0.686										
560	Skewness	2.956										
561												
562	Relevant UCL Statistics											
563	Normal Distribution Test										Lognormal Distribution Test	
564	Shapiro Wilk Test Statistic	0.689									Shapiro Wilk Test Statistic	0.933
565	Shapiro Wilk Critical Value	0.94									Shapiro Wilk Critical Value	0.94
566	Data not Normal at 5% Significance Level										Data not Lognormal at 5% Significance Level	
567												
568	Assuming Normal Distribution										Assuming Lognormal Distribution	
569	95% Student's-t UCL	4.98									95% H-UCL	4.811
570	95% UCLs (Adjusted for Skewness)										95% Chebyshev (MVUE) UCL	5.592
571	95% Adjusted-CLT UCL	5.19									97.5% Chebyshev (MVUE) UCL	6.231
572	95% Modified-t UCL	5.016									99% Chebyshev (MVUE) UCL	7.486
573												
574	Gamma Distribution Test										Data Distribution	
575	k star (bias corrected)	3.403									Data do not follow a Discernable Distribution (0.05)	
576	Theta Star	1.237										
577	MLE of Mean	4.211										
578	MLE of Standard Deviation	2.283										
579	nu star	272.2										
580	Approximate Chi Square Value (.05)	235									Nonparametric Statistics	
581	Adjusted Level of Significance	0.044									95% CLT UCL	4.962
582	Adjusted Chi Square Value	233.7									95% Jackknife UCL	4.98
583											95% Standard Bootstrap UCL	4.946

584				Anderson-Darling Test Statistic	1.265					95% Bootstrap-t UCL	5.575	
585				Anderson-Darling 5% Critical Value	0.753					95% Hall's Bootstrap UCL	8.48	
586				Kolmogorov-Smirnov Test Statistic	0.156					95% Percentile Bootstrap UCL	4.991	
587				Kolmogorov-Smirnov 5% Critical Value	0.14					95% BCA Bootstrap UCL	5.256	
588				**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	6.202	
589										97.5% Chebyshev(Mean, Sd) UCL	7.063	
590				**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	8.755	
591				95% Approximate Gamma UCL	4.877							
592				95% Adjusted Gamma UCL	4.904							
593												
594				**Potential UCL to Use**						Use 95% Student's-t UCL	4.98	
595										or 95% Modified-t UCL	5.016	
596												
597	**Dibenzo(a,h)anthracene**											
598					**General Statistics**							
599				Number of Valid Data	78					Number of Detected Data	11	
600				Number of Distinct Detected Data	11					Number of Non-Detect Data	67	
601										Percent Non-Detects	85.90%	
602												
603				**Raw Statistics**						**Log-transformed Statistics**		
604				Minimum Detected	0.00066					Minimum Detected	-7.323	
605				Maximum Detected	0.068					Maximum Detected	-2.688	
606				Mean of Detected	0.0159					Mean of Detected	-4.796	
607				SD of Detected	0.0191					SD of Detected	1.329	
608				Minimum Non-Detect	0.00028					Minimum Non-Detect	-8.181	
609				Maximum Non-Detect	13					Maximum Non-Detect	2.565	
610												
611	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	78	
612	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
613	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
614												
615					**UCL Statistics**							
616				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
617				Shapiro Wilk Test Statistic	0.73					Shapiro Wilk Test Statistic	0.961	
618				5% Shapiro Wilk Critical Value	0.85					5% Shapiro Wilk Critical Value	0.85	
619				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
620												
621				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
622				DL/2 Substitution Method						DL/2 Substitution Method		
623				Mean	1.132					Mean	-1.826	
624				SD	1.815					SD	2.577	
625				95% DL/2 (t) UCL	1.474					95% H-Stat (DL/2) UCL	13.72	
626												
627				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
628				**MLE method failed to converge properly**						Mean in Log Scale	-5.875	
629										SD in Log Scale	1.393	
630										Mean in Original Scale	0.00685	
631										SD in Original Scale	0.0112	
632										95% Percentile Bootstrap UCL	0.00906	
633										95% BCA Bootstrap UCL	0.00953	
634												
635				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
636				k star (bias corrected)	0.708					**Data appear Gamma Distributed at 5% Significance Level**		

637					Theta Star	0.0225						
638					nu star	15.58						
639												
640					A-D Test Statistic	0.275				Nonparametric Statistics		
641					5% A-D Critical Value	0.756				Kaplan-Meier (KM) Method		
642					K-S Test Statistic	0.756				Mean		0.0105
643					5% K-S Critical Value	0.263				SD		0.0164
644					Data appear Gamma Distributed at 5% Significance Level					SE of Mean		0.00417
645										95% KM (t) UCL		0.0175
646					Assuming Gamma Distribution					95% KM (z) UCL		0.0174
647					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.0172
648					Minimum	1E-09				95% KM (bootstrap t) UCL		0.0244
649					Maximum	0.0762				95% KM (BCA) UCL		0.0208
650					Mean	0.0269				95% KM (Percentile Bootstrap) UCL		0.0186
651					Median	0.0293				95% KM (Chebyshev) UCL		0.0287
652					SD	0.0203				97.5% KM (Chebyshev) UCL		0.0366
653					k star	0.58				99% KM (Chebyshev) UCL		0.052
654					Theta star	0.0464						
655					Nu star	90.49				Potential UCLs to Use		
656					AppChi2	69.55				95% KM (t) UCL		0.0175
657					95% Gamma Approximate UCL	0.035						
658					95% Adjusted Gamma UCL	0.0352						
659	Note: DL/2 is not a recommended method.											
660												
661												
662	Indeno(1,2,3-cd)pyrene											
663					General Statistics							
664					Number of Valid Data	78				Number of Detected Data		20
665					Number of Distinct Detected Data	18				Number of Non-Detect Data		58
666										Percent Non-Detects		74.36%
667												
668					Raw Statistics					Log-transformed Statistics		
669					Minimum Detected	0.0021				Minimum Detected		-6.166
670					Maximum Detected	0.24				Maximum Detected		-1.427
671					Mean of Detected	0.0558				Mean of Detected		-3.825
672					SD of Detected	0.0664				SD of Detected		1.612
673					Minimum Non-Detect	0.0015				Minimum Non-Detect		-6.502
674					Maximum Non-Detect	13				Maximum Non-Detect		2.565
675												
676	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		78
677	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
678	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
679												
680					UCL Statistics							
681					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
682					Shapiro Wilk Test Statistic	0.798				Shapiro Wilk Test Statistic		0.907
683					5% Shapiro Wilk Critical Value	0.905				5% Shapiro Wilk Critical Value		0.905
684					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
685												
686					Assuming Normal Distribution					Assuming Lognormal Distribution		
687					DL/2 Substitution Method					DL/2 Substitution Method		
688					Mean	1.134				Mean		-1.622
689					SD	1.813				SD		2.242

690				95% DL/2 (t) UCL	1.476					95% H-Stat (DL/2) UCL		7.769
691												
692				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
693				**MLE method failed to converge properly**						Mean in Log Scale		-4.15
694										SD in Log Scale		1.356
695										Mean in Original Scale		0.0346
696										SD in Original Scale		0.0468
697										95% Percentile Bootstrap UCL		0.044
698										95% BCA Bootstrap UCL		0.0454
699												
700				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
701				k star (bias corrected)	0.586					**Data appear Gamma Distributed at 5% Significance Level**		
702				Theta Star	0.0953							
703				nu star	23.43							
704												
705				A-D Test Statistic	0.616					**Nonparametric Statistics**		
706				5% A-D Critical Value	0.789					Kaplan-Meier (KM) Method		
707				K-S Test Statistic	0.789					Mean		0.051
708				5% K-S Critical Value	0.203					SD		0.0636
709				**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean		0.0139
710										95% KM (t) UCL		0.0741
711				**Assuming Gamma Distribution**						95% KM (z) UCL		0.0738
712				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.0744
713				Minimum	1E-09					95% KM (bootstrap t) UCL		0.0866
714				Maximum	0.24					95% KM (BCA) UCL		0.0788
715				Mean	0.059					95% KM (Percentile Bootstrap) UCL		0.0752
716				Median	0.0544					95% KM (Chebyshev) UCL		0.112
717				SD	0.0539					97.5% KM (Chebyshev) UCL		0.138
718				k star	0.333					99% KM (Chebyshev) UCL		0.189
719				Theta star	0.177							
720				Nu star	51.88					**Potential UCLs to Use**		
721				AppChi2	36.33					95% KM (t) UCL		0.0741
722				95% Gamma Approximate UCL	0.0842							
723				95% Adjusted Gamma UCL	0.0847							
724	**Note: DL/2 is not a recommended method.**											
725												
726												
727	**Iron**											
728						**General Statistics**							
729				Number of Valid Observations	40					Number of Distinct Observations		35
730												
731				**Raw Statistics**						**Log-transformed Statistics**		
732				Minimum	797					Minimum of Log Data		6.681
733				Maximum	26000					Maximum of Log Data		10.17
734				Mean	3209					Mean of log Data		7.732
735				Median	2000					SD of log Data		0.693
736				SD	4338							
737				Coefficient of Variation	1.352							
738				Skewness	4.258							
739												
740						**Relevant UCL Statistics**							
741				**Normal Distribution Test**						**Lognormal Distribution Test**		
742				Shapiro Wilk Test Statistic	0.472					Shapiro Wilk Test Statistic		0.864

743					Shapiro Wilk Critical Value	0.94					Shapiro Wilk Critical Value	0.94
744					Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level	
745												
746					Assuming Normal Distribution						Assuming Lognormal Distribution	
747					95% Student's-t UCL	4364					95% H-UCL	3655
748					95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL	4375
749					95% Adjusted-CLT UCL	4830					97.5% Chebyshev (MVUE) UCL	5022
750					95% Modified-t UCL	4441					99% Chebyshev (MVUE) UCL	6294
751												
752					Gamma Distribution Test						Data Distribution	
753					k star (bias corrected)	1.507					Data do not follow a Discernable Distribution (0.05)	
754					Theta Star	2130						
755					MLE of Mean	3209						
756					MLE of Standard Deviation	2614						
757					nu star	120.5						
758					Approximate Chi Square Value (.05)	96.18					Nonparametric Statistics	
759					Adjusted Level of Significance	0.044					95% CLT UCL	4337
760					Adjusted Chi Square Value	95.37					95% Jackknife UCL	4364
761											95% Standard Bootstrap UCL	4335
762					Anderson-Darling Test Statistic	3.68					95% Bootstrap-t UCL	5860
763					Anderson-Darling 5% Critical Value	0.764					95% Hall's Bootstrap UCL	7886
764					Kolmogorov-Smirnov Test Statistic	0.257					95% Percentile Bootstrap UCL	4526
765					Kolmogorov-Smirnov 5% Critical Value	0.142					95% BCA Bootstrap UCL	4973
766					Data not Gamma Distributed at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL	6198
767											97.5% Chebyshev(Mean, Sd) UCL	7492
768					Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL	10033
769					95% Approximate Gamma UCL	4021						
770					95% Adjusted Gamma UCL	4055						
771												
772					Potential UCL to Use						Use 95% Chebyshev (Mean, Sd) UCL	6198
773												
774												
775	Lead											
776					General Statistics							
777					Number of Valid Data	90					Number of Detected Data	65
778					Number of Distinct Detected Data	63					Number of Non-Detect Data	25
779											Percent Non-Detects	27.78%
780												
781					Raw Statistics						Log-transformed Statistics	
782					Minimum Detected	0.61					Minimum Detected	-0.494
783					Maximum Detected	516					Maximum Detected	6.246
784					Mean of Detected	56.26					Mean of Detected	3.359
785					SD of Detected	82.49					SD of Detected	1.208
786					Minimum Non-Detect	3					Minimum Non-Detect	1.099
787					Maximum Non-Detect	60					Maximum Non-Detect	4.094
788												
789	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	72
790	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	18
791	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	80.00%
792												
793					UCL Statistics							
794					Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
795					Lilliefors Test Statistic	0.25					Lilliefors Test Statistic	0.0521

796				5% Lilliefors Critical Value	0.11					5% Lilliefors Critical Value	0.11
797	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
798												
799	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
800				DL/2 Substitution Method						DL/2 Substitution Method		
801				Mean	43.33					Mean	2.968	
802				SD	73.14					SD	1.281	
803				95% DL/2 (t) UCL	56.15					95% H-Stat (DL/2) UCL	42.79	
804												
805				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
806	**MLE yields a negative mean**									Mean in Log Scale	2.885	
807										SD in Log Scale	1.323	
808										Mean in Original Scale	42.4	
809										SD in Original Scale	73.5	
810										95% Percentile Bootstrap UCL	55.94	
811										95% BCA Bootstrap UCL	60.59	
812												
813	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
814				k star (bias corrected)	0.844		**Data Follow Appr. Gamma Distribution at 5% Significance Level**					
815				Theta Star	66.62							
816				nu star	109.8							
817												
818				A-D Test Statistic	1.021		**Nonparametric Statistics**					
819				5% A-D Critical Value	0.786					Kaplan-Meier (KM) Method		
820				K-S Test Statistic	0.786					Mean	42.64	
821				5% K-S Critical Value	0.114					SD	73.06	
822	**Data follow Appr. Gamma Distribution at 5% Significance Level**									SE of Mean	7.773	
823										95% KM (t) UCL	55.56	
824	**Assuming Gamma Distribution**									95% KM (z) UCL	55.43	
825				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	55.42	
826				Minimum	1E-09					95% KM (bootstrap t) UCL	62.61	
827				Maximum	516					95% KM (BCA) UCL	57.53	
828				Mean	46.18					95% KM (Percentile Bootstrap) UCL	56.6	
829				Median	23.17					95% KM (Chebyshev) UCL	76.52	
830				SD	73.22					97.5% KM (Chebyshev) UCL	91.18	
831				k star	0.3					99% KM (Chebyshev) UCL	120	
832				Theta star	153.7							
833				Nu star	54.09		**Potential UCLs to Use**					
834				AppChi2	38.19					95% KM (Chebyshev) UCL	76.52	
835				95% Gamma Approximate UCL	65.4							
836				95% Adjusted Gamma UCL	65.78							
837	**Note: DL/2 is not a recommended method.**											
838												
839												
840	**Mercury**											
841							**General Statistics**					
842				Number of Valid Data	90					Number of Detected Data	62	
843				Number of Distinct Detected Data	55					Number of Non-Detect Data	28	
844										Percent Non-Detects	31.11%	
845												
846	**Raw Statistics**						**Log-transformed Statistics**					
847				Minimum Detected	0.0068					Minimum Detected	-4.991	
848				Maximum Detected	38					Maximum Detected	3.638	

849				Mean of Detected	2.588					Mean of Detected	-0.728
850				SD of Detected	6.561					SD of Detected	1.909
851				Minimum Non-Detect	0.11					Minimum Non-Detect	-2.207
852				Maximum Non-Detect	0.63					Maximum Non-Detect	-0.462
853											
854	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	61
855	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	29
856	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	67.78%
857											
858	**UCL Statistics**										
859	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**	
860				Lilliefors Test Statistic	0.347					Lilliefors Test Statistic	0.0781
861				5% Lilliefors Critical Value	0.113					5% Lilliefors Critical Value	0.113
862	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**	
863											
864	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**	
865				DL/2 Substitution Method						DL/2 Substitution Method	
866				Mean	1.838					Mean	-1.12
867				SD	5.547					SD	1.742
868				95% DL/2 (t) UCL	2.81					95% H-Stat (DL/2) UCL	1.998
869											
870				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
871	**MLE yields a negative mean**									Mean in Log Scale	-1.361
872										SD in Log Scale	1.905
873										Mean in Original Scale	1.809
874										SD in Original Scale	5.555
875										95% Percentile Bootstrap UCL	2.792
876										95% BCA Bootstrap UCL	3.327
877											
878	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**	
879				k star (bias corrected)	0.385					**Data appear Lognormal at 5% Significance Level**	
880				Theta Star	6.725						
881				nu star	47.72						
882											
883				A-D Test Statistic	2.53					**Nonparametric Statistics**	
884				5% A-D Critical Value	0.842					Kaplan-Meier (KM) Method	
885				K-S Test Statistic	0.842					Mean	1.812
886				5% K-S Critical Value	0.121					SD	5.524
887	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.587
888										95% KM (t) UCL	2.788
889	**Assuming Gamma Distribution**									95% KM (z) UCL	2.778
890				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.785
891				Minimum	0.0068					95% KM (bootstrap t) UCL	3.975
892				Maximum	38					95% KM (BCA) UCL	3.027
893				Mean	2.302					95% KM (Percentile Bootstrap) UCL	2.842
894				Median	1					95% KM (Chebyshev) UCL	4.371
895				SD	5.469					97.5% KM (Chebyshev) UCL	5.478
896				k star	0.511					99% KM (Chebyshev) UCL	7.653
897				Theta star	4.502						
898				Nu star	92.04					**Potential UCLs to Use**	
899				AppChi2	70.91					97.5% KM (Chebyshev) UCL	5.478
900				95% Gamma Approximate UCL	2.988						
901				95% Adjusted Gamma UCL	3						

	A	B	C	D	E	F	G	H	I	J	K	L
902	Note: DL/2 is not a recommended method.											
903												
904												
905												
906	Vanadium											
907						General Statistics						
908					Number of Valid Data	44			Number of Detected Data	27		
909					Number of Distinct Detected Data	26			Number of Non-Detect Data	17		
910									Percent Non-Detects	38.64%		
911												
912					Raw Statistics				Log-transformed Statistics			
913					Minimum Detected	1.66			Minimum Detected	0.507		
914					Maximum Detected	43			Maximum Detected	3.761		
915					Mean of Detected	7.997			Mean of Detected	1.726		
916					SD of Detected	8.47			SD of Detected	0.82		
917					Minimum Non-Detect	3			Minimum Non-Detect	1.099		
918					Maximum Non-Detect	9			Maximum Non-Detect	2.197		
919												
920	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	35		
921	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	9		
922	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	79.55%		
923												
924						UCL Statistics						
925					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
926					Shapiro Wilk Test Statistic	0.675			Shapiro Wilk Test Statistic	0.963		
927					5% Shapiro Wilk Critical Value	0.923			5% Shapiro Wilk Critical Value	0.923		
928					Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level			
929												
930					Assuming Normal Distribution				Assuming Lognormal Distribution			
931					DL/2 Substitution Method				DL/2 Substitution Method			
932					Mean	5.93			Mean	1.407		
933					SD	7.123			SD	0.793		
934					95% DL/2 (t) UCL	7.735			95% H-Stat (DL/2) UCL	5.763		
935												
936					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
937					MLE yields a negative mean				Mean in Log Scale	1.412		
938									SD in Log Scale	0.79		
939									Mean in Original Scale	5.941		
940									SD in Original Scale	7.115		
941									95% Percentile Bootstrap UCL	7.789		
942									95% BCA Bootstrap UCL	8.397		
943												
944					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
945					k star (bias corrected)	1.412			Data appear Gamma Distributed at 5% Significance Level			
946					Theta Star	5.662						
947					nu star	76.26						
948												
949					A-D Test Statistic	0.603			Nonparametric Statistics			
950					5% A-D Critical Value	0.762			Kaplan-Meier (KM) Method			
951					K-S Test Statistic	0.762			Mean	5.93		
952					5% K-S Critical Value	0.171			SD	7.05		
953					Data appear Gamma Distributed at 5% Significance Level				SE of Mean	1.09		
954									95% KM (t) UCL	7.762		

	A	B	C	D	E	F	G	H	I	J	K	L
955	**Assuming Gamma Distribution**										95% KM (z) UCL	7.723
956				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	7.75
957					Minimum	0.978					95% KM (bootstrap t) UCL	9.051
958					Maximum	43					95% KM (BCA) UCL	8.002
959					Mean	7.608					95% KM (Percentile Bootstrap) UCL	7.829
960					Median	6.058					95% KM (Chebyshev) UCL	10.68
961					SD	6.974					97.5% KM (Chebyshev) UCL	12.74
962					k star	1.736					99% KM (Chebyshev) UCL	16.77
963					Theta star	4.383						
964					Nu star	152.7			**Potential UCLs to Use**			
965					AppChi2	125.2					95% KM (Percentile Bootstrap) UCL	7.829
966				95% Gamma Approximate UCL		9.283						
967				95% Adjusted Gamma UCL		9.346						
968	**Note: DL/2 is not a recommended method.**											
969												

1				General UCL Statistics for Data Sets with Non-Detects								
2			User Selected Options									
3			From File	C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Excavation_Files\ProUCL_In								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8												
9	Aroclor-1221											
10						General Statistics						
11						Number of Valid Data	60			Number of Detected Data	1	
12						Number of Distinct Detected Data	1			Number of Non-Detect Data	59	
13										Percent Non-Detects	98.33%	
14												
15						Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!						
16						It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).						
17												
18						The data set for variable Aroclor-1221 was not processed!						
19												
20												
21	Aroclor-1254											
22						General Statistics						
23						Number of Valid Data	60			Number of Detected Data	19	
24						Number of Distinct Detected Data	16			Number of Non-Detect Data	41	
25										Percent Non-Detects	68.33%	
26												
27						Raw Statistics				Log-transformed Statistics		
28						Minimum Detected	0.013			Minimum Detected	-4.343	
29						Maximum Detected	11			Maximum Detected	2.398	
30						Mean of Detected	0.746			Mean of Detected	-1.917	
31						SD of Detected	2.488			SD of Detected	1.476	
32						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
33						Maximum Non-Detect	2.67			Maximum Non-Detect	0.982	
34												
35						Note: Data have multiple DLs - Use of KM Method is recommended				Number treated as Non-Detect	59	
36						For all methods (except KM, DL/2, and ROS Methods),				Number treated as Detected	1	
37						Observations < Largest ND are treated as NDs				Single DL Non-Detect Percentage	98.33%	
38												
39						UCL Statistics						
40						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
41						Shapiro Wilk Test Statistic	0.29			Shapiro Wilk Test Statistic	0.876	
42						5% Shapiro Wilk Critical Value	0.901			5% Shapiro Wilk Critical Value	0.901	
43						Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level		
44												
45						Assuming Normal Distribution				Assuming Lognormal Distribution		
46						DL/2 Substitution Method				DL/2 Substitution Method		
47						Mean	0.508			Mean	-2.743	
48						SD	1.459			SD	2.353	
49						95% DL/2 (t) UCL	0.823			95% H-Stat (DL/2) UCL	2.034	
50												
51						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
52						MLE method failed to converge properly				Mean in Log Scale	-4.015	
53										SD in Log Scale	1.89	

54											Mean in Original Scale	0.244
55											SD in Original Scale	1.417
56											95% Percentile Bootstrap UCL	0.608
57											95% BCA Bootstrap UCL	0.959
58												
59	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
60					k star (bias corrected)	0.376	Data do not follow a Discernable Distribution (0.05)					
61					Theta Star	1.986						
62					nu star	14.28						
63												
64					A-D Test Statistic	2.874	Nonparametric Statistics					
65					5% A-D Critical Value	0.822	Kaplan-Meier (KM) Method					
66					K-S Test Statistic	0.822	Mean	0.26				
67					5% K-S Critical Value	0.212	SD	1.404				
68	Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.186				
69							95% KM (t) UCL	0.572				
70	Assuming Gamma Distribution						95% KM (z) UCL	0.567				
71					Gamma ROS Statistics using Extrapolated Data		95% KM (jackknife) UCL	0.564				
72					Minimum	1E-09	95% KM (bootstrap t) UCL	3.084				
73					Maximum	11	95% KM (BCA) UCL	0.636				
74					Mean	0.682	95% KM (Percentile Bootstrap) UCL	0.624				
75					Median	0.313	95% KM (Chebyshev) UCL	1.073				
76					SD	1.412	97.5% KM (Chebyshev) UCL	1.424				
77					k star	0.481	99% KM (Chebyshev) UCL	2.115				
78					Theta star	1.42						
79					Nu star	57.67	Potential UCLs to Use					
80					AppChi2	41.21	95% KM (BCA) UCL	0.636				
81					95% Gamma Approximate UCL	0.955						
82					95% Adjusted Gamma UCL	0.963						
83	Note: DL/2 is not a recommended method.											
84												
85												
86												
87	Aroclor-1260											
88						General Statistics						
89					Number of Valid Data	60	Number of Detected Data	2				
90					Number of Distinct Detected Data	2	Number of Non-Detect Data	58				
91							Percent Non-Detects	96.67%				
92												
93	Raw Statistics						Log-transformed Statistics					
94					Minimum Detected	1.2	Minimum Detected	0.182				
95					Maximum Detected	1.4	Maximum Detected	0.336				
96					Mean of Detected	1.3	Mean of Detected	0.259				
97					SD of Detected	0.141	SD of Detected	0.109				
98					Minimum Non-Detect	0.0017	Minimum Non-Detect	-6.377				
99					Maximum Non-Detect	2.67	Maximum Non-Detect	0.982				
100												
101	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect	60				
102	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected	0				
103	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage	100.00%				
104												
105	Warning: Data set has only 2 Distinct Detected Values.											
106	This may not be adequate enough to compute meaningful and reliable test statistics and estimates.											

	A	B	C	D	E	F	G	H	I	J	K	L
107	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
108												
109	Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.											
110												
111	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
112	Those methods will return a 'N/A' value on your output display!											
113												
114	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
115	However, results obtained using 4 to 9 distinct values may not be reliable.											
116	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
117												
118	UCL Statistics											
119	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
120	Shapiro Wilk Test Statistic					N/A	Shapiro Wilk Test Statistic					N/A
121	5% Shapiro Wilk Critical Value					N/A	5% Shapiro Wilk Critical Value					N/A
122	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
123												
124	Assuming Normal Distribution						Assuming Lognormal Distribution					
125	DL/2 Substitution Method						DL/2 Substitution Method					
126	Mean					0.319	Mean					-3.538
127	SD					0.528	SD					2.476
128	95% DL/2 (t) UCL					0.433	95% H-Stat (DL/2) UCL					2.856
129												
130	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
131	MLE method failed to converge properly						Mean in Log Scale					N/A
132							SD in Log Scale					N/A
133							Mean in Original Scale					N/A
134							SD in Original Scale					N/A
135							95% Percentile Bootstrap UCL					N/A
136							95% BCA Bootstrap UCL					N/A
137												
138	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
139	k star (bias corrected)					N/A	Data do not follow a Discernable Distribution (0.05)					
140	Theta Star					N/A						
141	nu star					N/A						
142												
143	A-D Test Statistic					N/A	Nonparametric Statistics					
144	5% A-D Critical Value					N/A	Kaplan-Meier (KM) Method					
145	K-S Test Statistic					N/A	Mean					1.204
146	5% K-S Critical Value					N/A	SD					0.0289
147	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.00595
148							95% KM (t) UCL					1.214
149	Assuming Gamma Distribution						95% KM (z) UCL					1.214
150	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					1.334
151	Minimum					N/A	95% KM (bootstrap t) UCL					1.205
152	Maximum					N/A	95% KM (BCA) UCL					1.4
153	Mean					N/A	95% KM (Percentile Bootstrap) UCL					1.4
154	Median					N/A	95% KM (Chebyshev) UCL					1.23
155	SD					N/A	97.5% KM (Chebyshev) UCL					1.241
156	k star					N/A	99% KM (Chebyshev) UCL					1.263
157	Theta star					N/A						
158	Nu star					N/A	Potential UCLs to Use					
159	AppChi2					N/A	95% KM (t) UCL					1.214

160				95% Gamma Approximate UCL		N/A				95% KM (% Bootstrap) UCL		1.4
161				95% Adjusted Gamma UCL		N/A						
162	Note: DL/2 is not a recommended method.											
163												
164												
165	Aroclor-1268											
166						General Statistics						
167					Number of Valid Data	44				Number of Detected Data		30
168					Number of Distinct Detected Data	28				Number of Non-Detect Data		14
169										Percent Non-Detects		31.82%
170												
171				Raw Statistics						Log-transformed Statistics		
172					Minimum Detected	0.014				Minimum Detected		-4.269
173					Maximum Detected	19				Maximum Detected		2.944
174					Mean of Detected	2.548				Mean of Detected		-0.441
175					SD of Detected	4.434				SD of Detected		1.977
176					Minimum Non-Detect	0.038				Minimum Non-Detect		-3.27
177					Maximum Non-Detect	2.67				Maximum Non-Detect		0.982
178												
179	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		36
180	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		8
181	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		81.82%
182												
183						UCL Statistics						
184				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
185					Shapiro Wilk Test Statistic	0.587				Shapiro Wilk Test Statistic		0.944
186					5% Shapiro Wilk Critical Value	0.927				5% Shapiro Wilk Critical Value		0.927
187				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
188												
189				Assuming Normal Distribution						Assuming Lognormal Distribution		
190					DL/2 Substitution Method					DL/2 Substitution Method		
191					Mean	2.045				Mean		-0.519
192					SD	3.727				SD		1.895
193					95% DL/2 (t) UCL	2.99				95% H-Stat (DL/2) UCL		6.286
194												
195					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
196				MLE yields a negative mean						Mean in Log Scale		-0.931
197										SD in Log Scale		1.851
198										Mean in Original Scale		1.794
199										SD in Original Scale		3.809
200										95% Percentile Bootstrap UCL		2.83
201										95% BCA Bootstrap UCL		3.16
202												
203				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
204					k star (bias corrected)	0.442				Data appear Gamma Distributed at 5% Significance Level		
205					Theta Star	5.764						
206					nu star	26.53						
207												
208					A-D Test Statistic	0.578				Nonparametric Statistics		
209					5% A-D Critical Value	0.817				Kaplan-Meier (KM) Method		
210					K-S Test Statistic	0.817				Mean		1.89
211					5% K-S Critical Value	0.17				SD		3.744
212				Data appear Gamma Distributed at 5% Significance Level						SE of Mean		0.577

213											95% KM (t) UCL	2.861
214	**Assuming Gamma Distribution**										95% KM (z) UCL	2.84
215				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	2.856
216					Minimum	0.014					95% KM (bootstrap t) UCL	3.796
217					Maximum	19					95% KM (BCA) UCL	2.94
218					Mean	2.269					95% KM (Percentile Bootstrap) UCL	2.923
219					Median	1.6					95% KM (Chebyshev) UCL	4.408
220					SD	3.678					97.5% KM (Chebyshev) UCL	5.497
221					k star	0.597					99% KM (Chebyshev) UCL	7.636
222					Theta star	3.803						
223					Nu star	52.51					**Potential UCLs to Use**	
224					AppChi2	36.87					95% KM (BCA) UCL	2.94
225				95% Gamma Approximate UCL		3.232						
226				95% Adjusted Gamma UCL		3.272						
227	**Note: DL/2 is not a recommended method.**											
228												
229												
230	**Arsenic**											
231						**General Statistics**						
232					Number of Valid Data	20					Number of Detected Data	3
233					Number of Distinct Detected Data	3					Number of Non-Detect Data	17
234											Percent Non-Detects	85.00%
235												
236				**Raw Statistics**							**Log-transformed Statistics**	
237					Minimum Detected	0.23					Minimum Detected	-1.47
238					Maximum Detected	3.3					Maximum Detected	1.194
239					Mean of Detected	1.477					Mean of Detected	-0.127
240					SD of Detected	1.614					SD of Detected	1.332
241					Minimum Non-Detect	1.1					Minimum Non-Detect	0.0953
242					Maximum Non-Detect	2					Maximum Non-Detect	0.693
243												
244	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	19
245	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
246	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	95.00%
247												
248	**Warning: There are only 3 Distinct Detected Values in this data set**											
249	**The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.**											
250	**Those methods will return a 'N/A' value on your output display!**											
251												
252	**It is necessary to have 4 or more Distinct Values for bootstrap methods.**											
253	**However, results obtained using 4 to 9 distinct values may not be reliable.**											
254	**It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.**											
255												
256												
257						**UCL Statistics**							
258	**Normal Distribution Test with Detected Values Only**										**Lognormal Distribution Test with Detected Values Only**	
259					Shapiro Wilk Test Statistic	0.904					Shapiro Wilk Test Statistic	1
260					5% Shapiro Wilk Critical Value	0.767					5% Shapiro Wilk Critical Value	0.767
261	**Data appear Normal at 5% Significance Level**										**Data appear Lognormal at 5% Significance Level**	
262												
263	**Assuming Normal Distribution**										**Assuming Lognormal Distribution**	
264					DL/2 Substitution Method						DL/2 Substitution Method	
265					Mean	0.934					Mean	-0.174

	A	B	C	D	E	F	G	H	I	J	K	L
266					SD	0.579					SD	0.446
267					95% DL/2 (t) UCL	1.158					95% H-Stat (DL/2) UCL	1.074
268												
269					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
270					**MLE method failed to converge properly**						Mean in Log Scale	-0.743
271											SD in Log Scale	0.822
272											Mean in Original Scale	0.675
273											SD in Original Scale	0.718
274											95% Percentile Bootstrap UCL	0.943
275											95% BCA Bootstrap UCL	1.083
276												
277					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
278					k star (bias corrected)	N/A					**Data appear Normal at 5% Significance Level**	
279					Theta Star	N/A						
280					nu star	N/A						
281												
282					A-D Test Statistic	N/A					**Nonparametric Statistics**	
283					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
284					K-S Test Statistic	N/A					Mean	0.702
285					5% K-S Critical Value	N/A					SD	0.68
286					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.32
287											95% KM (t) UCL	1.256
288					**Assuming Gamma Distribution**						95% KM (z) UCL	1.229
289					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.494
290					Minimum	N/A					95% KM (bootstrap t) UCL	1.284
291					Maximum	N/A					95% KM (BCA) UCL	3.3
292					Mean	N/A					95% KM (Percentile Bootstrap) UCL	3.3
293					Median	N/A					95% KM (Chebyshev) UCL	2.098
294					SD	N/A					97.5% KM (Chebyshev) UCL	2.702
295					k star	N/A					99% KM (Chebyshev) UCL	3.889
296					Theta star	N/A						
297					Nu star	N/A					**Potential UCLs to Use**	
298					AppChi2	N/A					95% KM (t) UCL	1.256
299					95% Gamma Approximate UCL	N/A					95% KM (Percentile Bootstrap) UCL	3.3
300					95% Adjusted Gamma UCL	N/A						
301	**Note: DL/2 is not a recommended method.**											
302												
303												
304	**Benzo(a)anthracene**											
305										**General Statistics**		
306					Number of Valid Data	35					Number of Detected Data	8
307					Number of Distinct Detected Data	8					Number of Non-Detect Data	27
308											Percent Non-Detects	77.14%
309												
310					**Raw Statistics**						**Log-transformed Statistics**	
311					Minimum Detected	0.0058					Minimum Detected	-5.15
312					Maximum Detected	0.86					Maximum Detected	-0.151
313					Mean of Detected	0.238					Mean of Detected	-2.21
314					SD of Detected	0.28					SD of Detected	1.582
315					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
316					Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
317												
318	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	34

319	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
320	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		97.14%
321												
322	Warning: There are only 8 Detected Values in this data											
323	Note: It should be noted that even though bootstrap may be performed on this data set											
324	the resulting calculations may not be reliable enough to draw conclusions											
325												
326	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
327												
328												
329	UCL Statistics											
330	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
331	Shapiro Wilk Test Statistic				0.798					Shapiro Wilk Test Statistic		0.957
332	5% Shapiro Wilk Critical Value				0.818					5% Shapiro Wilk Critical Value		0.818
333	Data not Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
334												
335	Assuming Normal Distribution									Assuming Lognormal Distribution		
336	DL/2 Substitution Method									DL/2 Substitution Method		
337	Mean				0.202					Mean		-1.785
338	SD				0.129					SD		0.757
339	95% DL/2 (t) UCL				0.238					95% H-Stat (DL/2) UCL		0.315
340												
341	Maximum Likelihood Estimate(MLE) Method				N/A					Log ROS Method		
342	MLE method failed to converge properly									Mean in Log Scale		-2.672
343										SD in Log Scale		1.026
344										Mean in Original Scale		0.117
345										SD in Original Scale		0.156
346										95% Percentile Bootstrap UCL		0.163
347										95% BCA Bootstrap UCL		0.184
348												
349	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
350	k star (bias corrected)				0.564					Data appear Gamma Distributed at 5% Significance Level		
351	Theta Star				0.422							
352	nu star				9.031							
353												
354	A-D Test Statistic				0.142					Nonparametric Statistics		
355	5% A-D Critical Value				0.744					Kaplan-Meier (KM) Method		
356	K-S Test Statistic				0.744					Mean		0.147
357	5% K-S Critical Value				0.304					SD		0.16
358	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.044
359										95% KM (t) UCL		0.221
360	Assuming Gamma Distribution									95% KM (z) UCL		0.219
361	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		0.225
362	Minimum				0.0058					95% KM (bootstrap t) UCL		0.243
363	Maximum				0.86					95% KM (BCA) UCL		0.225
364	Mean				0.235					95% KM (Percentile Bootstrap) UCL		0.223
365	Median				0.236					95% KM (Chebyshev) UCL		0.338
366	SD				0.128					97.5% KM (Chebyshev) UCL		0.421
367	k star				2.702					99% KM (Chebyshev) UCL		0.584
368	Theta star				0.087							
369	Nu star				189.2					Potential UCLs to Use		
370	AppChi2				158.3					95% KM (t) UCL		0.221
371	95% Gamma Approximate UCL				0.281							

372					95% Adjusted Gamma UCL	0.283						
373	Note: DL/2 is not a recommended method.											
374												
375												
376	Benzo(a)pyrene											
377						General Statistics						
378					Number of Valid Data	35			Number of Detected Data	8		
379					Number of Distinct Detected Data	8			Number of Non-Detect Data	27		
380									Percent Non-Detects	77.14%		
381												
382					Raw Statistics				Log-transformed Statistics			
383					Minimum Detected	0.0069			Minimum Detected	-4.976		
384					Maximum Detected	0.96			Maximum Detected	-0.0408		
385					Mean of Detected	0.259			Mean of Detected	-2.137		
386					SD of Detected	0.314			SD of Detected	1.561		
387					Minimum Non-Detect	0.33			Minimum Non-Detect	-1.109		
388					Maximum Non-Detect	0.41			Maximum Non-Detect	-0.892		
389												
390	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	33		
391	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	2		
392	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	94.29%		
393												
394						Warning: There are only 8 Detected Values in this data						
395						Note: It should be noted that even though bootstrap may be performed on this data set						
396						the resulting calculations may not be reliable enough to draw conclusions						
397												
398						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
399												
400												
401						UCL Statistics						
402					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
403					Shapiro Wilk Test Statistic	0.785			Shapiro Wilk Test Statistic	0.969		
404					5% Shapiro Wilk Critical Value	0.818			5% Shapiro Wilk Critical Value	0.818		
405					Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level			
406												
407					Assuming Normal Distribution				Assuming Lognormal Distribution			
408					DL/2 Substitution Method				DL/2 Substitution Method			
409					Mean	0.206			Mean	-1.767		
410					SD	0.146			SD	0.739		
411					95% DL/2 (t) UCL	0.248			95% H-Stat (DL/2) UCL	0.309		
412												
413					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
414					MLE method failed to converge properly				Mean in Log Scale	-2.648		
415									SD in Log Scale	1.002		
416									Mean in Original Scale	0.12		
417									SD in Original Scale	0.171		
418									95% Percentile Bootstrap UCL	0.172		
419									95% BCA Bootstrap UCL	0.193		
420												
421					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
422					k star (bias corrected)	0.559			Data appear Gamma Distributed at 5% Significance Level			
423					Theta Star	0.464						
424					nu star	8.938						

425												
426					A-D Test Statistic	0.146	**Nonparametric Statistics**					
427					5% A-D Critical Value	0.745				Kaplan-Meier (KM) Method		
428					K-S Test Statistic	0.745				Mean		0.148
429					5% K-S Critical Value	0.304				SD		0.173
430	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean		0.0462
431										95% KM (t) UCL		0.226
432	**Assuming Gamma Distribution**									95% KM (z) UCL		0.224
433	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		0.23
434					Minimum	0.0069				95% KM (bootstrap t) UCL		0.252
435					Maximum	0.96				95% KM (BCA) UCL		0.223
436					Mean	0.257				95% KM (Percentile Bootstrap) UCL		0.225
437					Median	0.26				95% KM (Chebyshev) UCL		0.349
438					SD	0.144				97.5% KM (Chebyshev) UCL		0.436
439					k star	2.655				99% KM (Chebyshev) UCL		0.607
440					Theta star	0.0968						
441					Nu star	185.8	**Potential UCLs to Use**					
442					AppChi2	155.3				95% KM (t) UCL		0.226
443					95% Gamma Approximate UCL	0.307						
444					95% Adjusted Gamma UCL	0.31						
445	**Note: DL/2 is not a recommended method.**											
446												
447												
448	**Benzo(b/k)fluoranthene**											
449	**General Statistics**											
450					Number of Valid Data	18				Number of Detected Data		6
451					Number of Distinct Detected Data	6				Number of Non-Detect Data		12
452										Percent Non-Detects		66.67%
453												
454	**Raw Statistics**						**Log-transformed Statistics**					
455					Minimum Detected	0.055				Minimum Detected		-2.9
456					Maximum Detected	0.72				Maximum Detected		-0.329
457					Mean of Detected	0.281				Mean of Detected		-1.638
458					SD of Detected	0.244				SD of Detected		1.009
459					Minimum Non-Detect	0.38				Minimum Non-Detect		-0.968
460					Maximum Non-Detect	0.41				Maximum Non-Detect		-0.892
461												
462	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		17
463	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
464	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		94.44%
465												
466	**Warning: There are only 6 Detected Values in this data**											
467	**Note: It should be noted that even though bootstrap may be performed on this data set**											
468	**the resulting calculations may not be reliable enough to draw conclusions**											
469												
470	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
471												
472												
473	**UCL Statistics**											
474	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
475					Shapiro Wilk Test Statistic	0.873				Shapiro Wilk Test Statistic		0.907
476					5% Shapiro Wilk Critical Value	0.788				5% Shapiro Wilk Critical Value		0.788
477	**Data appear Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					

478												
479	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
480				DL/2 Substitution Method						DL/2 Substitution Method		
481				Mean		0.227				Mean		-1.622
482				SD		0.138				SD		0.547
483				95% DL/2 (t) UCL		0.283				95% H-Stat (DL/2) UCL		0.353
484												
485				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
486	**MLE method failed to converge properly**									Mean in Log Scale		-1.844
487										SD in Log Scale		0.744
488										Mean in Original Scale		0.205
489										SD in Original Scale		0.164
490										95% Percentile Bootstrap UCL		0.271
491										95% BCA Bootstrap UCL		0.292
492												
493	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
494				k star (bias corrected)		0.86	**Data appear Normal at 5% Significance Level**					
495				Theta Star		0.327						
496				nu star		10.32						
497												
498				A-D Test Statistic		0.321	**Nonparametric Statistics**					
499				5% A-D Critical Value		0.708				Kaplan-Meier (KM) Method		
500				K-S Test Statistic		0.708				Mean		0.223
501				5% K-S Critical Value		0.337				SD		0.165
502	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean		0.0619
503										95% KM (t) UCL		0.33
504	**Assuming Gamma Distribution**									95% KM (z) UCL		0.324
505				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.337
506				Minimum		0.055				95% KM (bootstrap t) UCL		0.344
507				Maximum		0.72				95% KM (BCA) UCL		0.317
508				Mean		0.281				95% KM (Percentile Bootstrap) UCL		0.323
509				Median		0.277				95% KM (Chebyshev) UCL		0.492
510				SD		0.158				97.5% KM (Chebyshev) UCL		0.609
511				k star		2.582				99% KM (Chebyshev) UCL		0.838
512				Theta star		0.109						
513				Nu star		92.96	**Potential UCLs to Use**					
514				AppChi2		71.72				95% KM (t) UCL		0.33
515				95% Gamma Approximate UCL		0.365				95% KM (Percentile Bootstrap) UCL		0.323
516				95% Adjusted Gamma UCL		0.374						
517	**Note: DL/2 is not a recommended method.**											
518												
519												
520	**Benzo(b)fluoranthene**											
521	**General Statistics**											
522				Number of Valid Data		17				Number of Detected Data		3
523				Number of Distinct Detected Data		3				Number of Non-Detect Data		14
524										Percent Non-Detects		82.35%
525												
526	**Raw Statistics**						**Log-transformed Statistics**					
527				Minimum Detected		0.012				Minimum Detected		-4.423
528				Maximum Detected		0.37				Maximum Detected		-0.994
529				Mean of Detected		0.143				Mean of Detected		-2.832
530				SD of Detected		0.198				SD of Detected		1.728

531				Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109	
532				Maximum Non-Detect	0.4					Maximum Non-Detect	-0.916	
533												
534	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	17	
535	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
536	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
537												
538	Warning: There are only 3 Distinct Detected Values in this data set											
539	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
540	Those methods will return a 'N/A' value on your output display!											
541												
542	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
543	However, results obtained using 4 to 9 distinct values may not be reliable.											
544	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
545												
546												
547	UCL Statistics											
548	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
549				Shapiro Wilk Test Statistic	0.821					Shapiro Wilk Test Statistic	0.985	
550				5% Shapiro Wilk Critical Value	0.767					5% Shapiro Wilk Critical Value	0.767	
551	Data appear Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
552												
553	Assuming Normal Distribution									Assuming Lognormal Distribution		
554				DL/2 Substitution Method						DL/2 Substitution Method		
555				Mean	0.176					Mean	-1.901	
556				SD	0.0724					SD	0.758	
557				95% DL/2 (t) UCL	0.206					95% H-Stat (DL/2) UCL	0.306	
558												
559				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
560	MLE method failed to converge properly									Mean in Log Scale	-3.551	
561										SD in Log Scale	0.866	
562										Mean in Original Scale	0.0485	
563										SD in Original Scale	0.0842	
564										95% Percentile Bootstrap UCL	0.0865	
565										95% BCA Bootstrap UCL	0.112	
566												
567	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
568				k star (bias corrected)	N/A					Data appear Normal at 5% Significance Level		
569				Theta Star	N/A							
570				nu star	N/A							
571												
572				A-D Test Statistic	N/A					Nonparametric Statistics		
573				5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method		
574				K-S Test Statistic	N/A					Mean	0.0574	
575				5% K-S Critical Value	N/A					SD	0.0956	
576	Data not Gamma Distributed at 5% Significance Level									SE of Mean	0.036	
577										95% KM (t) UCL	0.12	
578	Assuming Gamma Distribution									95% KM (z) UCL	0.117	
579				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.12	
580				Minimum	N/A					95% KM (bootstrap t) UCL	0.214	
581				Maximum	N/A					95% KM (BCA) UCL	N/A	
582				Mean	N/A					95% KM (Percentile Bootstrap) UCL	0.37	
583				Median	N/A					95% KM (Chebyshev) UCL	0.214	

584				SD	N/A				97.5% KM (Chebyshev) UCL			0.282
585				k star	N/A				99% KM (Chebyshev) UCL			0.415
586				Theta star	N/A							
587				Nu star	N/A				**Potential UCLs to Use**			
588				AppChi2	N/A				95% KM (t) UCL			0.12
589				95% Gamma Approximate UCL	N/A				95% KM (Percentile Bootstrap) UCL			0.37
590				95% Adjusted Gamma UCL	N/A							
591	**Note: DL/2 is not a recommended method.**											
592												
593												
594	**Carbazole**											
595				**General Statistics**								
596				Number of Valid Data	19				Number of Detected Data			1
597				Number of Distinct Detected Data	1				Number of Non-Detect Data			18
598									Percent Non-Detects			94.74%
599												
600	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
601	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
602												
603	**The data set for variable Carbazole was not processed!**											
604												
605												
606	**Chromium**											
607				**General Statistics**								
608				Number of Valid Observations	20				Number of Distinct Observations			18
609												
610				**Raw Statistics**					**Log-transformed Statistics**			
611				Minimum	1.3				Minimum of Log Data			0.262
612				Maximum	12.7				Maximum of Log Data			2.542
613				Mean	4.476				Mean of log Data			1.378
614				Median	3.9				SD of log Data			0.493
615				SD	2.522							
616				Coefficient of Variation	0.564							
617				Skewness	2.041							
618												
619				**Relevant UCL Statistics**								
620				**Normal Distribution Test**					**Lognormal Distribution Test**			
621				Shapiro Wilk Test Statistic	0.806				Shapiro Wilk Test Statistic			0.965
622				Shapiro Wilk Critical Value	0.905				Shapiro Wilk Critical Value			0.905
623				**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**			
624												
625				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
626				95% Student's-t UCL	5.451				95% H-UCL			5.622
627				**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL			6.661
628				95% Adjusted-CLT UCL	5.678				97.5% Chebyshev (MVUE) UCL			7.619
629				95% Modified-t UCL	5.494				99% Chebyshev (MVUE) UCL			9.499
630												
631				**Gamma Distribution Test**					**Data Distribution**			
632				k star (bias corrected)	3.695				**Data appear Gamma Distributed at 5% Significance Level**			
633				Theta Star	1.211							
634				MLE of Mean	4.476							
635				MLE of Standard Deviation	2.328							
636				nu star	147.8							

637					Approximate Chi Square Value (.05)	120.7			Nonparametric Statistics			
638					Adjusted Level of Significance	0.038					95% CLT UCL	5.403
639					Adjusted Chi Square Value	118.8					95% Jackknife UCL	5.451
640											95% Standard Bootstrap UCL	5.379
641					Anderson-Darling Test Statistic	0.552					95% Bootstrap-t UCL	6.033
642					Anderson-Darling 5% Critical Value	0.745					95% Hall's Bootstrap UCL	7.447
643					Kolmogorov-Smirnov Test Statistic	0.168					95% Percentile Bootstrap UCL	5.446
644					Kolmogorov-Smirnov 5% Critical Value	0.195					95% BCA Bootstrap UCL	5.631
645					Data appear Gamma Distributed at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL	6.934
646											97.5% Chebyshev(Mean, Sd) UCL	7.997
647					Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL	10.09
648					95% Approximate Gamma UCL	5.48						
649					95% Adjusted Gamma UCL	5.569						
650												
651					Potential UCL to Use						Use 95% Approximate Gamma UCL	5.48
652												
653												
654	Dibenzo(a,h)anthracene											
655					General Statistics							
656					Number of Valid Data	35					Number of Detected Data	6
657					Number of Distinct Detected Data	6					Number of Non-Detect Data	29
658											Percent Non-Detects	82.86%
659												
660					Raw Statistics						Log-transformed Statistics	
661					Minimum Detected	0.0017					Minimum Detected	-6.377
662					Maximum Detected	0.26					Maximum Detected	-1.347
663					Mean of Detected	0.0833					Mean of Detected	-3.37
664					SD of Detected	0.0944					SD of Detected	1.834
665					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
666					Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
667												
668	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	35
669	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
670	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
671												
672					Warning: There are only 6 Detected Values in this data							
673					Note: It should be noted that even though bootstrap may be performed on this data set							
674					the resulting calculations may not be reliable enough to draw conclusions							
675												
676					It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.							
677												
678												
679					UCL Statistics							
680					Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
681					Shapiro Wilk Test Statistic	0.839					Shapiro Wilk Test Statistic	0.918
682					5% Shapiro Wilk Critical Value	0.788					5% Shapiro Wilk Critical Value	0.788
683					Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level	
684												
685					Assuming Normal Distribution						Assuming Lognormal Distribution	
686					DL/2 Substitution Method						DL/2 Substitution Method	
687					Mean	0.172					Mean	-1.952
688					SD	0.0558					SD	0.962
689					95% DL/2 (t) UCL	0.188					95% H-Stat (DL/2) UCL	0.377

690												
691				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
692				**MLE method failed to converge properly**						Mean in Log Scale		-3.37
693										SD in Log Scale		1.437
694										Mean in Original Scale		0.0842
695										SD in Original Scale		0.143
696										95% Percentile Bootstrap UCL		0.128
697										95% BCA Bootstrap UCL		0.15
698												
699				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
700				k star (bias corrected)		0.454				**Data appear Normal at 5% Significance Level**		
701				Theta Star		0.184						
702				nu star		5.444						
703												
704				A-D Test Statistic		0.231				**Nonparametric Statistics**		
705				5% A-D Critical Value		0.725				Kaplan-Meier (KM) Method		
706				K-S Test Statistic		0.725				Mean		0.0833
707				5% K-S Critical Value		0.345				SD		0.0862
708				**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean		0.0385
709										95% KM (t) UCL		0.148
710				**Assuming Gamma Distribution**						95% KM (z) UCL		0.147
711				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.154
712				Minimum		1E-09				95% KM (bootstrap t) UCL		0.229
713				Maximum		0.265				95% KM (BCA) UCL		0.152
714				Mean		0.0784				95% KM (Percentile Bootstrap) UCL		0.155
715				Median		0.0604				95% KM (Chebyshev) UCL		0.251
716				SD		0.0735				97.5% KM (Chebyshev) UCL		0.324
717				k star		0.404				99% KM (Chebyshev) UCL		0.467
718				Theta star		0.194						
719				Nu star		28.29				**Potential UCLs to Use**		
720				AppChi2		17.15				95% KM (t) UCL		0.148
721				95% Gamma Approximate UCL		0.129				95% KM (Percentile Bootstrap) UCL		0.155
722				95% Adjusted Gamma UCL		0.133						
723	**Note: DL/2 is not a recommended method.**											
724												
725												
726	**Indeno(1,2,3-cd)pyrene**											
727							**General Statistics**					
728				Number of Valid Data		35				Number of Detected Data		7
729				Number of Distinct Detected Data		7				Number of Non-Detect Data		28
730										Percent Non-Detects		80.00%
731												
732				**Raw Statistics**						**Log-transformed Statistics**		
733				Minimum Detected		0.0072				Minimum Detected		-4.934
734				Maximum Detected		0.54				Maximum Detected		-0.616
735				Mean of Detected		0.193				Mean of Detected		-2.3
736				SD of Detected		0.182				SD of Detected		1.522
737				Minimum Non-Detect		0.33				Minimum Non-Detect		-1.109
738				Maximum Non-Detect		0.41				Maximum Non-Detect		-0.892
739												
740	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		34
741	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
742	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		97.14%

743												
744	Warning: There are only 7 Detected Values in this data											
745	Note: It should be noted that even though bootstrap may be performed on this data set											
746	the resulting calculations may not be reliable enough to draw conclusions											
747												
748	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
749												
750												
751	UCL Statistics											
752	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
753				Shapiro Wilk Test Statistic	0.891					Shapiro Wilk Test Statistic	0.9	
754				5% Shapiro Wilk Critical Value	0.803					5% Shapiro Wilk Critical Value	0.803	
755	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
756												
757	Assuming Normal Distribution						Assuming Lognormal Distribution					
758				DL/2 Substitution Method						DL/2 Substitution Method		
759				Mean	0.191					Mean	-1.787	
760				SD	0.0773					SD	0.693	
761				95% DL/2 (t) UCL	0.213					95% H-Stat (DL/2) UCL	0.287	
762												
763				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
764	MLE method failed to converge properly									Mean in Log Scale	-2.617	
765										SD in Log Scale	0.928	
766										Mean in Original Scale	0.108	
767										SD in Original Scale	0.107	
768										95% Percentile Bootstrap UCL	0.139	
769										95% BCA Bootstrap UCL	0.15	
770												
771	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
772				k star (bias corrected)	0.605		Data appear Normal at 5% Significance Level					
773				Theta Star	0.319							
774				nu star	8.473							
775												
776				A-D Test Statistic	0.297		Nonparametric Statistics					
777				5% A-D Critical Value	0.731					Kaplan-Meier (KM) Method		
778				K-S Test Statistic	0.731					Mean	0.147	
779				5% K-S Critical Value	0.321					SD	0.119	
780	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	0.0442	
781										95% KM (t) UCL	0.222	
782	Assuming Gamma Distribution									95% KM (z) UCL	0.22	
783				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.228	
784				Minimum	0.0072					95% KM (bootstrap t) UCL	0.232	
785				Maximum	0.54					95% KM (BCA) UCL	0.212	
786				Mean	0.192					95% KM (Percentile Bootstrap) UCL	0.223	
787				Median	0.181					95% KM (Chebyshev) UCL	0.34	
788				SD	0.1					97.5% KM (Chebyshev) UCL	0.423	
789				k star	2.586					99% KM (Chebyshev) UCL	0.587	
790				Theta star	0.0741							
791				Nu star	181		Potential UCLs to Use					
792				AppChi2	150.9					95% KM (t) UCL	0.222	
793				95% Gamma Approximate UCL	0.23					95% KM (Percentile Bootstrap) UCL	0.223	
794				95% Adjusted Gamma UCL	0.232							
795	Note: DL/2 is not a recommended method.											

	A	B	C	D	E	F	G	H	I	J	K	L
796												
797												
798	Iron											
799						General Statistics						
800					Number of Valid Observations	20				Number of Distinct Observations	18	
801												
802				Raw Statistics					Log-transformed Statistics			
803					Minimum	217				Minimum of Log Data	5.38	
804					Maximum	14400				Maximum of Log Data	9.575	
805					Mean	2318				Mean of log Data	7.281	
806					Median	1300				SD of log Data	0.928	
807					SD	3102						
808					Coefficient of Variation	1.338						
809					Skewness	3.416						
810												
811						Relevant UCL Statistics						
812				Normal Distribution Test					Lognormal Distribution Test			
813					Shapiro Wilk Test Statistic	0.575				Shapiro Wilk Test Statistic	0.966	
814					Shapiro Wilk Critical Value	0.905				Shapiro Wilk Critical Value	0.905	
815				Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level			
816												
817				Assuming Normal Distribution					Assuming Lognormal Distribution			
818					95% Student's-t UCL	3518				95% H-UCL	3830	
819				95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL	4342	
820					95% Adjusted-CLT UCL	4025				97.5% Chebyshev (MVUE) UCL	5282	
821					95% Modified-t UCL	3606				99% Chebyshev (MVUE) UCL	7128	
822												
823				Gamma Distribution Test					Data Distribution			
824					k star (bias corrected)	1.061			Data Follow Appr. Gamma Distribution at 5% Significance Level			
825					Theta Star	2186						
826					MLE of Mean	2318						
827					MLE of Standard Deviation	2251						
828					nu star	42.43						
829					Approximate Chi Square Value (.05)	28.49			Nonparametric Statistics			
830					Adjusted Level of Significance	0.038				95% CLT UCL	3459	
831					Adjusted Chi Square Value	27.59				95% Jackknife UCL	3518	
832										95% Standard Bootstrap UCL	3408	
833					Anderson-Darling Test Statistic	0.842				95% Bootstrap-t UCL	5211	
834					Anderson-Darling 5% Critical Value	0.764				95% Hall's Bootstrap UCL	7781	
835					Kolmogorov-Smirnov Test Statistic	0.182				95% Percentile Bootstrap UCL	3559	
836					Kolmogorov-Smirnov 5% Critical Value	0.199				95% BCA Bootstrap UCL	4191	
837				Data follow Appr. Gamma Distribution at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL	5341	
838										97.5% Chebyshev(Mean, Sd) UCL	6649	
839				Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL	9219	
840					95% Approximate Gamma UCL	3452						
841					95% Adjusted Gamma UCL	3565						
842												
843				Potential UCL to Use						Use 95% Approximate Gamma UCL	3452	
844												
845												
846	Mercury											
847						General Statistics						
848					Number of Valid Data	46				Number of Detected Data	27	

849				Number of Distinct Detected Data	27					Number of Non-Detect Data	19
850										Percent Non-Detects	41.30%
851											
852				**Raw Statistics**						**Log-transformed Statistics**	
853				Minimum Detected	0.105					Minimum Detected	-2.254
854				Maximum Detected	17.5					Maximum Detected	2.862
855				Mean of Detected	4.234					Mean of Detected	0.674
856				SD of Detected	4.857					SD of Detected	1.39
857				Minimum Non-Detect	0.12					Minimum Non-Detect	-2.12
858				Maximum Non-Detect	0.67					Maximum Non-Detect	-0.4
859											
860	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	25
861	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	21
862	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	54.35%
863											
864				**UCL Statistics**							
865				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
866				Shapiro Wilk Test Statistic	0.799					Shapiro Wilk Test Statistic	0.963
867				5% Shapiro Wilk Critical Value	0.923					5% Shapiro Wilk Critical Value	0.923
868				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
869											
870				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
871				DL/2 Substitution Method						DL/2 Substitution Method	
872				Mean	2.567					Mean	-0.383
873				SD	4.204					SD	1.733
874				95% DL/2 (t) UCL	3.608					95% H-Stat (DL/2) UCL	3.914
875											
876				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
877				**MLE yields a negative mean**						Mean in Log Scale	-0.505
878										SD in Log Scale	1.831
879										Mean in Original Scale	2.543
880										SD in Original Scale	4.218
881										95% Percentile Bootstrap UCL	3.662
882										95% BCA Bootstrap UCL	3.802
883											
884				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
885				k star (bias corrected)	0.713					**Data appear Gamma Distributed at 5% Significance Level**	
886				Theta Star	5.937						
887				nu star	38.52						
888											
889				A-D Test Statistic	0.528					**Nonparametric Statistics**	
890				5% A-D Critical Value	0.783					Kaplan-Meier (KM) Method	
891				K-S Test Statistic	0.783					Mean	2.549
892				5% K-S Critical Value	0.175					SD	4.169
893				**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.627
894										95% KM (t) UCL	3.601
895				**Assuming Gamma Distribution**						95% KM (z) UCL	3.58
896				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.553
897				Minimum	0.105					95% KM (bootstrap t) UCL	3.875
898				Maximum	17.5					95% KM (BCA) UCL	3.759
899				Mean	3.758					95% KM (Percentile Bootstrap) UCL	3.711
900				Median	3.162					95% KM (Chebyshev) UCL	5.28
901				SD	3.822					97.5% KM (Chebyshev) UCL	6.462

902					k star	1.066					99% KM (Chebyshev) UCL	8.783
903					Theta star	3.525						
904					Nu star	98.06					**Potential UCLs to Use**	
905					AppChi2	76.22					95% KM (BCA) UCL	3.759
906				95% Gamma Approximate UCL		4.834						
907				95% Adjusted Gamma UCL		4.874						
908	**Note: DL/2 is not a recommended method.**											
909												
910												
911												
912												
913												
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954												

1				General UCL Statistics for Data Sets with Non-Detects								
2	User Selected Options											
3	From File			C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Excavation_Files\ProUCL_In								
4	Full Precision			OFF								
5	Confidence Coefficient			95%								
6	Number of Bootstrap Operations			2000								
7												
8												
9	1,1,2,2-Tetrachloroethane											
10	General Statistics											
11	Number of Valid Data			287		Number of Detected Data						7
12	Number of Distinct Detected Data			7		Number of Non-Detect Data						280
13						Percent Non-Detects						97.56%
14												
15	Raw Statistics					Log-transformed Statistics						
16	Minimum Detected			0.07		Minimum Detected						-2.659
17	Maximum Detected			0.92		Maximum Detected						-0.0834
18	Mean of Detected			0.321		Mean of Detected						-1.463
19	SD of Detected			0.301		SD of Detected						0.86
20	Minimum Non-Detect			0.00009		Minimum Non-Detect						-9.316
21	Maximum Non-Detect			12		Maximum Non-Detect						2.485
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended					Number treated as Non-Detect						287
24	For all methods (except KM, DL/2, and ROS Methods),					Number treated as Detected						0
25	Observations < Largest ND are treated as NDs					Single DL Non-Detect Percentage						100.00%
26												
27	Warning: There are only 7 Detected Values in this data											
28	Note: It should be noted that even though bootstrap may be performed on this data set											
29	the resulting calculations may not be reliable enough to draw conclusions											
30												
31	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
32												
33	UCL Statistics											
34	Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only						
35	Shapiro Wilk Test Statistic			0.795		Shapiro Wilk Test Statistic						0.96
36	5% Shapiro Wilk Critical Value			0.803		5% Shapiro Wilk Critical Value						0.803
37	Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level						
38												
39	Assuming Normal Distribution					Assuming Lognormal Distribution						
40	DL/2 Substitution Method					DL/2 Substitution Method						
41	Mean			0.172		Mean						-3.465
42	SD			0.571		SD						1.876
43	95% DL/2 (t) UCL			0.228		95% H-Stat (DL/2) UCL						0.247
44												
45	Maximum Likelihood Estimate(MLE) Method			N/A		Log ROS Method						
46	MLE method failed to converge properly					Mean in Log Scale						-7.105
47						SD in Log Scale						2.082
48						Mean in Original Scale						0.0111
49						SD in Original Scale						0.0661
50						95% Percentile Bootstrap UCL						0.0179
51						95% BCA Bootstrap UCL						0.0213
52												
53	Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only						

54				k star (bias corrected)	1.049	Data appear Gamma Distributed at 5% Significance Level						
55				Theta Star	0.306							
56				nu star	14.69							
57												
58				A-D Test Statistic	0.387	Nonparametric Statistics						
59				5% A-D Critical Value	0.719					Kaplan-Meier (KM) Method		
60				K-S Test Statistic	0.719					Mean		0.077
61				5% K-S Critical Value	0.316					SD		0.0615
62	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.00415
63										95% KM (t) UCL		0.0839
64	Assuming Gamma Distribution									95% KM (z) UCL		0.0838
65			Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL		0.121
66				Minimum	1E-09					95% KM (bootstrap t) UCL		0.0927
67				Maximum	0.92					95% KM (BCA) UCL		0.227
68				Mean	0.323					95% KM (Percentile Bootstrap) UCL		0.163
69				Median	0.326					95% KM (Chebyshev) UCL		0.0951
70				SD	0.173					97.5% KM (Chebyshev) UCL		0.103
71				k star	1.064					99% KM (Chebyshev) UCL		0.118
72				Theta star	0.303							
73				Nu star	610.7	Potential UCLs to Use						
74				AppChi2	554.4					95% KM (t) UCL		0.0839
75				95% Gamma Approximate UCL	0.355							
76				95% Adjusted Gamma UCL	0.356							
77	Note: DL/2 is not a recommended method.											
78												
79												
80	1,2,4-Trimethylbenzene											
81	General Statistics											
82				Number of Valid Data	223					Number of Detected Data		84
83				Number of Distinct Detected Data	67					Number of Non-Detect Data		139
84										Percent Non-Detects		62.33%
85												
86	Raw Statistics					Log-transformed Statistics						
87				Minimum Detected	0.00026					Minimum Detected		-8.255
88				Maximum Detected	120					Maximum Detected		4.787
89				Mean of Detected	7.063					Mean of Detected		0.296
90				SD of Detected	16.54					SD of Detected		2.181
91				Minimum Non-Detect	0.00009					Minimum Non-Detect		-9.316
92				Maximum Non-Detect	0.66					Maximum Non-Detect		-0.416
93												
94	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		172
95	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		51
96	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		77.13%
97												
98	UCL Statistics											
99	Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only						
100				Lilliefors Test Statistic	0.335					Lilliefors Test Statistic		0.103
101				5% Lilliefors Critical Value	0.0967					5% Lilliefors Critical Value		0.0967
102	Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level						
103												
104	Assuming Normal Distribution					Assuming Lognormal Distribution						
105				DL/2 Substitution Method						DL/2 Substitution Method		
106				Mean	2.682					Mean		-2.231

107				SD	10.67					SD	2.634
108				95% DL/2 (t) UCL	3.863					95% H-Stat (DL/2) UCL	4.691
109											
110				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
111				**MLE yields a negative mean**						Mean in Log Scale	-3.42
112										SD in Log Scale	3.649
113										Mean in Original Scale	2.67
114										SD in Original Scale	10.68
115										95% Percentile Bootstrap UCL	3.959
116										95% BCA Bootstrap UCL	4.41
117											
118				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
119				k star (bias corrected)	0.391					**Data do not follow a Discernable Distribution (0.05)**	
120				Theta Star	18.07						
121				nu star	65.67						
122											
123				A-D Test Statistic	1.652					**Nonparametric Statistics**	
124				5% A-D Critical Value	0.843					Kaplan-Meier (KM) Method	
125				K-S Test Statistic	0.843					Mean	2.661
126				5% K-S Critical Value	0.105					SD	10.66
127				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.718
128										95% KM (t) UCL	3.847
129				**Assuming Gamma Distribution**						95% KM (z) UCL	3.842
130				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.808
131				Minimum	0.00026					95% KM (bootstrap t) UCL	5.28
132				Maximum	120					95% KM (BCA) UCL	3.945
133				Mean	8.419					95% KM (Percentile Bootstrap) UCL	3.948
134				Median	6.2					95% KM (Chebyshev) UCL	5.79
135				SD	10.88					97.5% KM (Chebyshev) UCL	7.144
136				k star	0.82					99% KM (Chebyshev) UCL	9.804
137				Theta star	10.26						
138				Nu star	365.9					**Potential UCLs to Use**	
139				AppChi2	322.6					97.5% KM (Chebyshev) UCL	7.144
140				95% Gamma Approximate UCL	9.55						
141				95% Adjusted Gamma UCL	9.558						
142	**Note: DL/2 is not a recommended method.**										
143											
144											
145	**1,4-Dichlorobenzene**										
146							**General Statistics**				
147				Number of Valid Data	285					Number of Detected Data	2
148				Number of Distinct Detected Data	2					Number of Non-Detect Data	283
149										Percent Non-Detects	99.30%
150											
151				**Raw Statistics**						**Log-transformed Statistics**	
152				Minimum Detected	0.92					Minimum Detected	-0.0834
153				Maximum Detected	18.2					Maximum Detected	2.901
154				Mean of Detected	9.56					Mean of Detected	1.409
155				SD of Detected	12.22					SD of Detected	2.111
156				Minimum Non-Detect	0.00011					Minimum Non-Detect	-9.115
157				Maximum Non-Detect	12					Maximum Non-Detect	2.485
158											
159	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	284

	A	B	C	D	E	F	G	H	I	J	K	L
160	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
161	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.65%
162												
163	Warning: Data set has only 2 Distinct Detected Values.											
164	This may not be adequate enough to compute meaningful and reliable test statistics and estimates.											
165	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
166												
167	Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.											
168												
169	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
170	Those methods will return a 'N/A' value on your output display!											
171												
172	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
173	However, results obtained using 4 to 9 distinct values may not be reliable.											
174	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
175												
176	UCL Statistics											
177	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
178	Shapiro Wilk Test Statistic					N/A	Shapiro Wilk Test Statistic					N/A
179	5% Shapiro Wilk Critical Value					N/A	5% Shapiro Wilk Critical Value					N/A
180	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
181												
182	Assuming Normal Distribution						Assuming Lognormal Distribution					
183	DL/2 Substitution Method						DL/2 Substitution Method					
184	Mean					0.271	Mean					-2.936
185	SD					1.235	SD					1.796
186	95% DL/2 (t) UCL					0.392	95% H-Stat (DL/2) UCL					0.354
187												
188	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
189	MLE method failed to converge properly						Mean in Log Scale					N/A
190							SD in Log Scale					N/A
191							Mean in Original Scale					N/A
192							SD in Original Scale					N/A
193							95% Percentile Bootstrap UCL					N/A
194							95% BCA Bootstrap UCL					N/A
195												
196	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
197	k star (bias corrected)					N/A	Data do not follow a Discernable Distribution (0.05)					
198	Theta Star					N/A						
199	nu star					N/A						
200												
201	A-D Test Statistic					N/A	Nonparametric Statistics					
202	5% A-D Critical Value					N/A	Kaplan-Meier (KM) Method					
203	K-S Test Statistic					N/A	Mean					0.981
204	5% K-S Critical Value					N/A	SD					1.022
205	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.0856
206							95% KM (t) UCL					1.122
207	Assuming Gamma Distribution						95% KM (z) UCL					1.121
208	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					12.14
209	Minimum					N/A	95% KM (bootstrap t) UCL					0.981
210	Maximum					N/A	95% KM (BCA) UCL					18.2
211	Mean					N/A	95% KM (Percentile Bootstrap) UCL					N/A
212	Median					N/A	95% KM (Chebyshev) UCL					1.354

213				SD	N/A					97.5% KM (Chebyshev) UCL		1.515
214				k star	N/A					99% KM (Chebyshev) UCL		1.832
215				Theta star	N/A							
216				Nu star	N/A					**Potential UCLs to Use**		
217				AppChi2	N/A					97.5% KM (Chebyshev) UCL		1.515
218				95% Gamma Approximate UCL	N/A							
219				95% Adjusted Gamma UCL	N/A							
220	**Note: DL/2 is not a recommended method.**											
221												
222												
223	**1-Methyl Naphthalene**											
224					**General Statistics**							
225				Number of Valid Data	235					Number of Detected Data		72
226				Number of Distinct Detected Data	70					Number of Non-Detect Data		163
227										Percent Non-Detects		69.36%
228												
229				**Raw Statistics**						**Log-transformed Statistics**		
230				Minimum Detected	0.39					Minimum Detected		-0.942
231				Maximum Detected	64.4					Maximum Detected		4.165
232				Mean of Detected	8.123					Mean of Detected		1.298
233				SD of Detected	11.38					SD of Detected		1.315
234				Minimum Non-Detect	0.3					Minimum Non-Detect		-1.204
235				Maximum Non-Detect	3.26					Maximum Non-Detect		1.182
236												
237	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		197
238	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		38
239	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		83.83%
240												
241					**UCL Statistics**							
242				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
243				Lilliefors Test Statistic	0.248					Lilliefors Test Statistic		0.072
244				5% Lilliefors Critical Value	0.104					5% Lilliefors Critical Value		0.104
245				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
246												
247				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
248				DL/2 Substitution Method						DL/2 Substitution Method		
249				Mean	2.624					Mean		-0.775
250				SD	7.259					SD		1.571
251				95% DL/2 (t) UCL	3.406					95% H-Stat (DL/2) UCL		1.399
252												
253				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
254				**MLE yields a negative mean**						Mean in Log Scale		-1.565
255										SD in Log Scale		2.399
256										Mean in Original Scale		2.583
257										SD in Original Scale		7.273
258										95% Percentile Bootstrap UCL		3.414
259										95% BCA Bootstrap UCL		3.564
260												
261				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
262				k star (bias corrected)	0.729					**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
263				Theta Star	11.14							
264				nu star	105							
265												

266				A-D Test Statistic	1.348		**Nonparametric Statistics**					
267				5% A-D Critical Value	0.793					Kaplan-Meier (KM) Method		
268				K-S Test Statistic	0.793					Mean		2.76
269				5% K-S Critical Value	0.109					SD		7.197
270	**Data follow Appr. Gamma Distribution at 5% Significance Level**									SE of Mean		0.473
271										95% KM (t) UCL		3.541
272	**Assuming Gamma Distribution**									95% KM (z) UCL		3.538
273	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		3.531
274				Minimum	0.39					95% KM (bootstrap t) UCL		3.801
275				Maximum	64.4					95% KM (BCA) UCL		3.597
276				Mean	8.28					95% KM (Percentile Bootstrap) UCL		3.581
277				Median	7.628					95% KM (Chebyshev) UCL		4.821
278				SD	6.489					97.5% KM (Chebyshev) UCL		5.713
279				k star	2.017					99% KM (Chebyshev) UCL		7.465
280				Theta star	4.106							
281				Nu star	947.9		**Potential UCLs to Use**					
282				AppChi2	877.4					95% KM (t) UCL		3.541
283				95% Gamma Approximate UCL	8.945							
284				95% Adjusted Gamma UCL	8.949							
285	**Note: DL/2 is not a recommended method.**											
286												
287												
288	**2-Methylnaphthalene**											
289	**General Statistics**											
290				Number of Valid Data	310					Number of Detected Data		91
291				Number of Distinct Detected Data	83					Number of Non-Detect Data		219
292										Percent Non-Detects		70.65%
293												
294	**Raw Statistics**						**Log-transformed Statistics**					
295				Minimum Detected	0.0013					Minimum Detected		-6.645
296				Maximum Detected	92.6					Maximum Detected		4.528
297				Mean of Detected	7.692					Mean of Detected		0.231
298				SD of Detected	14.03					SD of Detected		2.474
299				Minimum Non-Detect	0.00039					Minimum Non-Detect		-7.849
300				Maximum Non-Detect	11.4					Maximum Non-Detect		2.434
301												
302	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		290
303	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		20
304	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		93.55%
305												
306	**UCL Statistics**											
307	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
308				Lilliefors Test Statistic	0.292					Lilliefors Test Statistic		0.0849
309				5% Lilliefors Critical Value	0.0929					5% Lilliefors Critical Value		0.0929
310	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
311												
312	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
313				DL/2 Substitution Method						DL/2 Substitution Method		
314				Mean	2.452					Mean		-1.119
315				SD	8.306					SD		1.786
316				95% DL/2 (t) UCL	3.231					95% H-Stat (DL/2) UCL		1.809
317												
318				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		

319	MLE yields a negative mean									Mean in Log Scale		-2.372
320										SD in Log Scale		2.639
321										Mean in Original Scale		2.329
322										SD in Original Scale		8.327
323										95% Percentile Bootstrap UCL		3.152
324										95% BCA Bootstrap UCL		3.315
325												
326	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
327				k star (bias corrected)	0.364					Data appear Gamma Distributed at 5% Significance Level		
328				Theta Star	21.14							
329				nu star	66.21							
330												
331				A-D Test Statistic	0.673					Nonparametric Statistics		
332				5% A-D Critical Value	0.851					Kaplan-Meier (KM) Method		
333				K-S Test Statistic	0.851					Mean		2.32
334				5% K-S Critical Value	0.101					SD		8.316
335	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.475
336										95% KM (t) UCL		3.104
337	Assuming Gamma Distribution									95% KM (z) UCL		3.102
338				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		3.101
339				Minimum	0.0013					95% KM (bootstrap t) UCL		3.348
340				Maximum	92.6					95% KM (BCA) UCL		3.146
341				Mean	7.691					95% KM (Percentile Bootstrap) UCL		3.116
342				Median	7.702					95% KM (Chebyshev) UCL		4.392
343				SD	7.573					97.5% KM (Chebyshev) UCL		5.288
344				k star	1.069					99% KM (Chebyshev) UCL		7.048
345				Theta star	7.193							
346				Nu star	662.9					Potential UCLs to Use		
347				AppChi2	604.2					95% KM (t) UCL		3.104
348				95% Gamma Approximate UCL	8.438							
349				95% Adjusted Gamma UCL	8.442							
350	Note: DL/2 is not a recommended method.											
351												
352												
353	4,6-Dinitro-2-methylphenol											
354												
355	General Statistics											
356				Number of Valid Data	59					Number of Detected Data		2
357				Number of Distinct Detected Data	2					Number of Non-Detect Data		57
358										Percent Non-Detects		96.61%
359												
360	Raw Statistics									Log-transformed Statistics		
361				Minimum Detected	0.37					Minimum Detected		-0.994
362				Maximum Detected	32					Maximum Detected		3.466
363				Mean of Detected	16.19					Mean of Detected		1.236
364				SD of Detected	22.37					SD of Detected		3.154
365				Minimum Non-Detect	0.87					Minimum Non-Detect		-0.139
366				Maximum Non-Detect	110					Maximum Non-Detect		4.7
367												
368	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		59
369	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
370	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
371												

	A	B	C	D	E	F	G	H	I	J	K	L
372	Warning: Data set has only 2 Distinct Detected Values.											
373	This may not be adequate enough to compute meaningful and reliable test statistics and estimates.											
374	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
375												
376	Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.											
377												
378	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
379	Those methods will return a 'N/A' value on your output display!											
380												
381	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
382	However, results obtained using 4 to 9 distinct values may not be reliable.											
383	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
384												
385	UCL Statistics											
386	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
387					Shapiro Wilk Test Statistic	N/A					Shapiro Wilk Test Statistic	N/A
388					5% Shapiro Wilk Critical Value	N/A					5% Shapiro Wilk Critical Value	N/A
389	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
390												
391	Assuming Normal Distribution						Assuming Lognormal Distribution					
392					DL/2 Substitution Method						DL/2 Substitution Method	
393					Mean	3.37					Mean	0.0392
394					SD	8.897					SD	1.201
395					95% DL/2 (t) UCL	5.306					95% H-Stat (DL/2) UCL	3.498
396												
397					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
398	MLE method failed to converge properly										Mean in Log Scale	N/A
399											SD in Log Scale	N/A
400											Mean in Original Scale	N/A
401											SD in Original Scale	N/A
402											95% Percentile Bootstrap UCL	N/A
403											95% BCA Bootstrap UCL	N/A
404												
405	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
406					k star (bias corrected)	N/A	Data do not follow a Discernable Distribution (0.05)					
407					Theta Star	N/A						
408					nu star	N/A						
409												
410					A-D Test Statistic	N/A	Nonparametric Statistics					
411					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
412					K-S Test Statistic	N/A					Mean	0.925
413					5% K-S Critical Value	N/A					SD	4.153
414	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.778
415											95% KM (t) UCL	2.225
416	Assuming Gamma Distribution										95% KM (z) UCL	2.204
417					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	21.46
418					Minimum	N/A					95% KM (bootstrap t) UCL	N/A
419					Maximum	N/A					95% KM (BCA) UCL	N/A
420					Mean	N/A					95% KM (Percentile Bootstrap) UCL	N/A
421					Median	N/A					95% KM (Chebyshev) UCL	4.315
422					SD	N/A					97.5% KM (Chebyshev) UCL	5.783
423					k star	N/A					99% KM (Chebyshev) UCL	8.664
424					Theta star	N/A						

425					Nu star	N/A		**Potential UCLs to Use**				
426					AppChi2	N/A					99% KM (Chebyshev) UCL	8.664
427				95% Gamma Approximate UCL		N/A						
428				95% Adjusted Gamma UCL		N/A						
429	**Note: DL/2 is not a recommended method.**											
430												
431												
432	**Aluminum**											
433						**General Statistics**						
434				Number of Valid Observations		34				Number of Distinct Observations		32
435												
436				**Raw Statistics**				**Log-transformed Statistics**				
437				Minimum		171				Minimum of Log Data		5.142
438				Maximum		21900				Maximum of Log Data		9.994
439				Mean		3691				Mean of log Data		7.974
440				Median		3140				SD of log Data		0.741
441				SD		3506						
442				Coefficient of Variation		0.95						
443				Skewness		4.529						
444												
445						**Relevant UCL Statistics**							
446				**Normal Distribution Test**				**Lognormal Distribution Test**				
447				Shapiro Wilk Test Statistic		0.494				Shapiro Wilk Test Statistic		0.78
448				Shapiro Wilk Critical Value		0.933				Shapiro Wilk Critical Value		0.933
449				**Data not Normal at 5% Significance Level**				**Data not Lognormal at 5% Significance Level**				
450												
451				**Assuming Normal Distribution**				**Assuming Lognormal Distribution**				
452				95% Student's-t UCL		4709				95% H-UCL		5051
453				**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL		6078
454				95% Adjusted-CLT UCL		5179				97.5% Chebyshev (MVUE) UCL		7071
455				95% Modified-t UCL		4787				99% Chebyshev (MVUE) UCL		9021
456												
457				**Gamma Distribution Test**				**Data Distribution**				
458				k star (bias corrected)		2.062		**Data do not follow a Discernable Distribution (0.05)**				
459				Theta Star		1790						
460				MLE of Mean		3691						
461				MLE of Standard Deviation		2571						
462				nu star		140.2						
463				Approximate Chi Square Value (.05)		113.9		**Nonparametric Statistics**				
464				Adjusted Level of Significance		0.0422				95% CLT UCL		4680
465				Adjusted Chi Square Value		112.7				95% Jackknife UCL		4709
466										95% Standard Bootstrap UCL		4641
467				Anderson-Darling Test Statistic		2.763				95% Bootstrap-t UCL		6400
468				Anderson-Darling 5% Critical Value		0.758				95% Hall's Bootstrap UCL		9623
469				Kolmogorov-Smirnov Test Statistic		0.243				95% Percentile Bootstrap UCL		4839
470				Kolmogorov-Smirnov 5% Critical Value		0.153				95% BCA Bootstrap UCL		5517
471				**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL		6312
472										97.5% Chebyshev(Mean, Sd) UCL		7446
473				**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL		9674
474				95% Approximate Gamma UCL		4546						
475				95% Adjusted Gamma UCL		4593						
476												
477				**Potential UCL to Use**						Use 95% Chebyshev (Mean, Sd) UCL		6312

478												
479												
480	Antimony											
481					General Statistics							
482					Number of Valid Data	37				Number of Detected Data	10	
483					Number of Distinct Detected Data	10				Number of Non-Detect Data	27	
484										Percent Non-Detects	72.97%	
485												
486					Raw Statistics					Log-transformed Statistics		
487					Minimum Detected	0.00899				Minimum Detected	-4.712	
488					Maximum Detected	9.86				Maximum Detected	2.288	
489					Mean of Detected	1.052				Mean of Detected	-2.386	
490					SD of Detected	3.095				SD of Detected	1.839	
491					Minimum Non-Detect	0.03				Minimum Non-Detect	-3.507	
492					Maximum Non-Detect	66				Maximum Non-Detect	4.19	
493												
494	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	37	
495	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
496	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
497												
498					UCL Statistics							
499					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
500					Shapiro Wilk Test Statistic	0.38				Shapiro Wilk Test Statistic	0.787	
501					5% Shapiro Wilk Critical Value	0.842				5% Shapiro Wilk Critical Value	0.842	
502					Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level		
503												
504					Assuming Normal Distribution					Assuming Lognormal Distribution		
505					DL/2 Substitution Method					DL/2 Substitution Method		
506					Mean	4.227				Mean	0.16	
507					SD	5.879				SD	2.175	
508					95% DL/2 (t) UCL	5.859				95% H-Stat (DL/2) UCL	49.75	
509												
510					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
511					MLE method failed to converge properly					Mean in Log Scale	-2.804	
512										SD in Log Scale	1.169	
513										Mean in Original Scale	0.335	
514										SD in Original Scale	1.611	
515										95% Percentile Bootstrap UCL	0.865	
516										95% BCA Bootstrap UCL	1.14	
517												
518					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
519					k star (bias corrected)	0.266				Data do not follow a Discernable Distribution (0.05)		
520					Theta Star	3.948						
521					nu star	5.328						
522												
523					A-D Test Statistic	2.086				Nonparametric Statistics		
524					5% A-D Critical Value	0.82				Kaplan-Meier (KM) Method		
525					K-S Test Statistic	0.82				Mean	0.492	
526					5% K-S Critical Value	0.289				SD	1.998	
527					Data not Gamma Distributed at 5% Significance Level					SE of Mean	0.439	
528										95% KM (t) UCL	1.234	
529					Assuming Gamma Distribution					95% KM (z) UCL	1.215	
530					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	1.215	

531					Minimum	1E-09				95% KM (bootstrap t) UCL		18.76
532					Maximum	9.86				95% KM (BCA) UCL		1.433
533					Mean	0.613				95% KM (Percentile Bootstrap) UCL		1.337
534					Median	0.00899				95% KM (Chebyshev) UCL		2.407
535					SD	1.854				97.5% KM (Chebyshev) UCL		3.236
536					k star	0.0912				99% KM (Chebyshev) UCL		4.863
537					Theta star	6.723						
538					Nu star	6.752				**Potential UCLs to Use**		
539					AppChi2	2.035				97.5% KM (Chebyshev) UCL		3.236
540					95% Gamma Approximate UCL	2.035						
541					95% Adjusted Gamma UCL	2.151						
542	**Note: DL/2 is not a recommended method.**											
543												
544												
545	**Aroclor-1016**											
546						**General Statistics**						
547					Number of Valid Data	399				Number of Detected Data		2
548					Number of Distinct Detected Data	2				Number of Non-Detect Data		397
549										Percent Non-Detects		99.50%
550												
551					**Raw Statistics**					**Log-transformed Statistics**		
552					Minimum Detected	0.028				Minimum Detected		-3.576
553					Maximum Detected	0.42				Maximum Detected		-0.868
554					Mean of Detected	0.224				Mean of Detected		-2.222
555					SD of Detected	0.277				SD of Detected		1.915
556					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
557					Maximum Non-Detect	418				Maximum Non-Detect		6.035
558												
559	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		399
560	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
561	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
562												
563	**Warning: Data set has only 2 Distinct Detected Values.**											
564	**This may not be adequate enough to compute meaningful and reliable test statistics and estimates.**											
565	**The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).**											
566												
567	**Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.**											
568												
569	**The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.**											
570	**Those methods will return a 'N/A' value on your output display!**											
571												
572	**It is necessary to have 4 or more Distinct Values for bootstrap methods.**											
573	**However, results obtained using 4 to 9 distinct values may not be reliable.**											
574	**It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.**											
575												
576												
577	**UCL Statistics**											
578	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
579					Shapiro Wilk Test Statistic	N/A				Shapiro Wilk Test Statistic		N/A
580					5% Shapiro Wilk Critical Value	N/A				5% Shapiro Wilk Critical Value		N/A
581	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
582												
583	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		

584				DL/2 Substitution Method						DL/2 Substitution Method		
585				Mean	1.495					Mean		-0.597
586				SD	10.43					SD		1.737
587				95% DL/2 (t) UCL	2.356					95% H-Stat (DL/2) UCL		3.229
588												
589				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
590				**MLE method failed to converge properly**						Mean in Log Scale		N/A
591										SD in Log Scale		N/A
592										Mean in Original Scale		N/A
593										SD in Original Scale		N/A
594										95% Percentile Bootstrap UCL		N/A
595										95% BCA Bootstrap UCL		N/A
596												
597				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
598				k star (bias corrected)	N/A					**Data do not follow a Discernable Distribution (0.05)**		
599				Theta Star	N/A							
600				nu star	N/A							
601												
602				A-D Test Statistic	N/A					**Nonparametric Statistics**		
603				5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method		
604				K-S Test Statistic	N/A					Mean		0.033
605				5% K-S Critical Value	N/A					SD		0.0441
606				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.00706
607										95% KM (t) UCL		0.0447
608				**Assuming Gamma Distribution**						95% KM (z) UCL		0.0446
609				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.284
610				Minimum	N/A					95% KM (bootstrap t) UCL		N/A
611				Maximum	N/A					95% KM (BCA) UCL		0.42
612				Mean	N/A					95% KM (Percentile Bootstrap) UCL		0.42
613				Median	N/A					95% KM (Chebyshev) UCL		0.0638
614				SD	N/A					97.5% KM (Chebyshev) UCL		0.0771
615				k star	N/A					99% KM (Chebyshev) UCL		0.103
616				Theta star	N/A							
617				Nu star	N/A					**Potential UCLs to Use**		
618				AppChi2	N/A					95% KM (Chebyshev) UCL		0.0638
619				95% Gamma Approximate UCL	N/A							
620				95% Adjusted Gamma UCL	N/A							
621	**Note: DL/2 is not a recommended method.**											
622												
623												
624	**Aroclor-1254**											
625										**General Statistics**		
626				Number of Valid Data	398					Number of Detected Data		59
627				Number of Distinct Detected Data	49					Number of Non-Detect Data		339
628										Percent Non-Detects		85.18%
629												
630				**Raw Statistics**						**Log-transformed Statistics**		
631				Minimum Detected	0.0028					Minimum Detected		-5.878
632				Maximum Detected	28					Maximum Detected		3.332
633				Mean of Detected	2.464					Mean of Detected		-0.516
634				SD of Detected	4.554					SD of Detected		1.945
635				Minimum Non-Detect	0.00209					Minimum Non-Detect		-6.171
636				Maximum Non-Detect	3.56					Maximum Non-Detect		1.27

637												
638	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	388
639	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	10
640	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	97.49%
641												
642	UCL Statistics											
643	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
644	Lilliefors Test Statistic				0.294		Lilliefors Test Statistic					0.101
645	5% Lilliefors Critical Value				0.115		5% Lilliefors Critical Value					0.115
646	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
647												
648	Assuming Normal Distribution						Assuming Lognormal Distribution					
649	DL/2 Substitution Method						DL/2 Substitution Method					
650	Mean				1.278		Mean					-0.255
651	SD				1.84		SD					1.357
652	95% DL/2 (t) UCL				1.43		95% H-Stat (DL/2) UCL					2.397
653												
654	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
655	MLE yields a negative mean						Mean in Log Scale					-2.595
656							SD in Log Scale					1.681
657							Mean in Original Scale					0.463
658							SD in Original Scale					1.936
659							95% Percentile Bootstrap UCL					0.64
660							95% BCA Bootstrap UCL					0.679
661												
662	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
663	k star (bias corrected)				0.443		Data appear Lognormal at 5% Significance Level					
664	Theta Star				5.563							
665	nu star				52.27							
666												
667	A-D Test Statistic				1.132		Nonparametric Statistics					
668	5% A-D Critical Value				0.827		Kaplan-Meier (KM) Method					
669	K-S Test Statistic				0.827		Mean					0.574
670	5% K-S Critical Value				0.123		SD					1.956
671	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.109
672							95% KM (t) UCL					0.753
673	Assuming Gamma Distribution						95% KM (z) UCL					0.753
674	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.748
675	Minimum				0.0028		95% KM (bootstrap t) UCL					0.802
676	Maximum				28		95% KM (BCA) UCL					0.77
677	Mean				2.607		95% KM (Percentile Bootstrap) UCL					0.76
678	Median				2.374		95% KM (Chebyshev) UCL					1.047
679	SD				1.831		97.5% KM (Chebyshev) UCL					1.252
680	k star				2.296		99% KM (Chebyshev) UCL					1.654
681	Theta star				1.136							
682	Nu star				1828		Potential UCLs to Use					
683	AppChi2				1729		95% KM (Chebyshev) UCL					1.047
684	95% Gamma Approximate UCL				2.755							
685	95% Adjusted Gamma UCL				2.756							
686	Note: DL/2 is not a recommended method.											
687												
688												
689	Aroclor-1260											

	A	B	C	D	E	F	G	H	I	J	K	L
690	**General Statistics**											
691					Number of Valid Data	399				Number of Detected Data		22
692					Number of Distinct Detected Data	22				Number of Non-Detect Data		377
693										Percent Non-Detects		94.49%
694												
695	**Raw Statistics**						**Log-transformed Statistics**					
696					Minimum Detected	0.031				Minimum Detected		-3.474
697					Maximum Detected	7.3				Maximum Detected		1.988
698					Mean of Detected	0.757				Mean of Detected		-1.503
699					SD of Detected	1.567				SD of Detected		1.588
700					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
701					Maximum Non-Detect	418				Maximum Non-Detect		6.035
702												
703	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		399
704	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
705	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
706												
707	**UCL Statistics**											
708	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
709					Shapiro Wilk Test Statistic	0.488				Shapiro Wilk Test Statistic		0.931
710					5% Shapiro Wilk Critical Value	0.911				5% Shapiro Wilk Critical Value		0.911
711	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
712												
713	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
714					DL/2 Substitution Method					DL/2 Substitution Method		
715					Mean	1.516				Mean		-0.494
716					SD	10.43				SD		1.6
717					95% DL/2 (t) UCL	2.377				95% H-Stat (DL/2) UCL		2.888
718												
719					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
720	**MLE method failed to converge properly**									Mean in Log Scale		-4.315
721										SD in Log Scale		1.588
722										Mean in Original Scale		0.0695
723										SD in Original Scale		0.399
724										95% Percentile Bootstrap UCL		0.107
725										95% BCA Bootstrap UCL		0.123
726												
727	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
728					k star (bias corrected)	0.476	**Data Follow Appr. Gamma Distribution at 5% Significance Level**					
729					Theta Star	1.589						
730					nu star	20.95						
731												
732					A-D Test Statistic	1.002	**Nonparametric Statistics**					
733					5% A-D Critical Value	0.803				Kaplan-Meier (KM) Method		
734					K-S Test Statistic	0.803				Mean		0.149
735					5% K-S Critical Value	0.196				SD		0.469
736	**Data follow Appr. Gamma Distribution at 5% Significance Level**									SE of Mean		0.037
737										95% KM (t) UCL		0.21
738	**Assuming Gamma Distribution**									95% KM (z) UCL		0.21
739					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.208
740					Minimum	0.031				95% KM (bootstrap t) UCL		0.227
741					Maximum	7.3				95% KM (BCA) UCL		0.217
742					Mean	1.027				95% KM (Percentile Bootstrap) UCL		0.215

743					Median	0.913				95% KM (Chebyshev) UCL		0.31
744					SD	0.628				97.5% KM (Chebyshev) UCL		0.38
745					k star	2.839				99% KM (Chebyshev) UCL		0.517
746					Theta star	0.362						
747					Nu star	2266				**Potential UCLs to Use**		
748					AppChi2	2156				95% KM (t) UCL		0.21
749				95% Gamma Approximate UCL		1.079						
750				95% Adjusted Gamma UCL		1.079						
751	**Note: DL/2 is not a recommended method.**											
752												
753												
754	**Aroclor-1268**											
755						**General Statistics**						
756					Number of Valid Data	396				Number of Detected Data		71
757				Number of Distinct Detected Data		66				Number of Non-Detect Data		325
758										Percent Non-Detects		82.07%
759												
760				**Raw Statistics**						**Log-transformed Statistics**		
761					Minimum Detected	0.0037				Minimum Detected		-5.599
762					Maximum Detected	21				Maximum Detected		3.045
763					Mean of Detected	2.532				Mean of Detected		-0.612
764					SD of Detected	3.812				SD of Detected		2.17
765					Minimum Non-Detect	0.00209				Minimum Non-Detect		-6.171
766					Maximum Non-Detect	3.56				Maximum Non-Detect		1.27
767												
768	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		376
769	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		20
770	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		94.95%
771												
772						**UCL Statistics**						
773				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
774					Lilliefors Test Statistic	0.255				Lilliefors Test Statistic		0.0946
775					5% Lilliefors Critical Value	0.105				5% Lilliefors Critical Value		0.105
776				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
777												
778				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
779					DL/2 Substitution Method					DL/2 Substitution Method		
780					Mean	1.36				Mean		-0.205
781					SD	1.72				SD		1.346
782					95% DL/2 (t) UCL	1.502				95% H-Stat (DL/2) UCL		2.449
783												
784					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
785				**MLE yields a negative mean**						Mean in Log Scale		-2.369
786										SD in Log Scale		1.735
787										Mean in Original Scale		0.57
788										SD in Original Scale		1.856
789										95% Percentile Bootstrap UCL		0.727
790										95% BCA Bootstrap UCL		0.768
791												
792				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
793					k star (bias corrected)	0.415				**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
794					Theta Star	6.103						
795					nu star	58.9						

796												
797					A-D Test Statistic	1.014	**Nonparametric Statistics**					
798					5% A-D Critical Value	0.836					Kaplan-Meier (KM) Method	
799					K-S Test Statistic	0.836					Mean	0.675
800					5% K-S Critical Value	0.113					SD	1.866
801	**Data follow Appr. Gamma Distribution at 5% Significance Level**										SE of Mean	0.104
802											95% KM (t) UCL	0.847
803	**Assuming Gamma Distribution**										95% KM (z) UCL	0.847
804				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.847
805					Minimum	1E-09					95% KM (bootstrap t) UCL	0.899
806					Maximum	21					95% KM (BCA) UCL	0.852
807					Mean	2.269					95% KM (Percentile Bootstrap) UCL	0.851
808					Median	1.687					95% KM (Chebyshev) UCL	1.13
809					SD	2.552					97.5% KM (Chebyshev) UCL	1.327
810					k star	0.284					99% KM (Chebyshev) UCL	1.713
811					Theta star	7.996						
812					Nu star	224.8	**Potential UCLs to Use**					
813					AppChi2	191.1					95% KM (t) UCL	0.847
814				95% Gamma Approximate UCL		2.67						
815				95% Adjusted Gamma UCL		2.671						
816	**Note: DL/2 is not a recommended method.**											
817												
818												
819	**Arsenic**											
820							**General Statistics**					
821					Number of Valid Data	38					Number of Detected Data	19
822					Number of Distinct Detected Data	18					Number of Non-Detect Data	19
823											Percent Non-Detects	50.00%
824												
825				**Raw Statistics**					**Log-transformed Statistics**			
826					Minimum Detected	0.23					Minimum Detected	-1.47
827					Maximum Detected	12.9					Maximum Detected	2.557
828					Mean of Detected	3.352					Mean of Detected	0.308
829					SD of Detected	4.301					SD of Detected	1.439
830					Minimum Non-Detect	0.2					Minimum Non-Detect	-1.609
831					Maximum Non-Detect	8.26					Maximum Non-Detect	2.111
832												
833	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	35
834	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
835	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	92.11%
836												
837							**UCL Statistics**					
838	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
839					Shapiro Wilk Test Statistic	0.739					Shapiro Wilk Test Statistic	0.902
840					5% Shapiro Wilk Critical Value	0.901					5% Shapiro Wilk Critical Value	0.901
841	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
842												
843	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
844					DL/2 Substitution Method						DL/2 Substitution Method	
845					Mean	2.785					Mean	0.318
846					SD	3.24					SD	1.328
847					95% DL/2 (t) UCL	3.672					95% H-Stat (DL/2) UCL	6.405
848												

	A	B	C	D	E	F	G	H	I	J	K	L
849					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
850					**MLE yields a negative mean**						Mean in Log Scale	-0.347
851											SD in Log Scale	1.304
852											Mean in Original Scale	1.893
853											SD in Original Scale	3.347
854											95% Percentile Bootstrap UCL	2.779
855											95% BCA Bootstrap UCL	2.988
856												
857					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
858					k star (bias corrected)	0.603					**Data appear Lognormal at 5% Significance Level**	
859					Theta Star	5.562						
860					nu star	22.9						
861												
862					A-D Test Statistic	0.926					**Nonparametric Statistics**	
863					5% A-D Critical Value	0.786					Kaplan-Meier (KM) Method	
864					K-S Test Statistic	0.786					Mean	2.03
865					5% K-S Critical Value	0.207					SD	3.322
866					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.57
867											95% KM (t) UCL	2.992
868					**Assuming Gamma Distribution**						95% KM (z) UCL	2.968
869					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.98
870					Minimum	0.23					95% KM (bootstrap t) UCL	3.233
871					Maximum	12.9					95% KM (BCA) UCL	3.093
872					Mean	3.159					95% KM (Percentile Bootstrap) UCL	2.982
873					Median	2.927					95% KM (Chebyshev) UCL	4.514
874					SD	3.091					97.5% KM (Chebyshev) UCL	5.589
875					k star	1.078					99% KM (Chebyshev) UCL	7.701
876					Theta star	2.93						
877					Nu star	81.94					**Potential UCLs to Use**	
878					AppChi2	62.08					95% KM (BCA) UCL	3.093
879					95% Gamma Approximate UCL	4.17						
880					95% Adjusted Gamma UCL	4.218						
881	**Note: DL/2 is not a recommended method.**											
882												
883												
884	**Benzene**											
885									**General Statistics**			
886					Number of Valid Data	287					Number of Detected Data	15
887					Number of Distinct Detected Data	14					Number of Non-Detect Data	272
888											Percent Non-Detects	94.77%
889												
890					**Raw Statistics**						**Log-transformed Statistics**	
891					Minimum Detected	0.00055					Minimum Detected	-7.506
892					Maximum Detected	20.2					Maximum Detected	3.006
893					Mean of Detected	1.675					Mean of Detected	-2.246
894					SD of Detected	5.145					SD of Detected	2.9
895					Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
896					Maximum Non-Detect	12					Maximum Non-Detect	2.485
897												
898	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	286
899	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
900	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.65%
901												

	A	B	C	D	E	F	G	H	I	J	K	L
902	UCL Statistics											
903	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
904					Shapiro Wilk Test Statistic	0.351					Shapiro Wilk Test Statistic	0.937
905					5% Shapiro Wilk Critical Value	0.881					5% Shapiro Wilk Critical Value	0.881
906	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
907												
908	Assuming Normal Distribution						Assuming Lognormal Distribution					
909					DL/2 Substitution Method						DL/2 Substitution Method	
910					Mean	0.235					Mean	-3.46
911					SD	1.303					SD	1.848
912					95% DL/2 (t) UCL	0.362					95% H-Stat (DL/2) UCL	0.235
913												
914					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
915	MLE method failed to converge properly										Mean in Log Scale	-10.46
916											SD in Log Scale	3.894
917											Mean in Original Scale	0.0885
918											SD in Original Scale	1.198
919											95% Percentile Bootstrap UCL	0.229
920											95% BCA Bootstrap UCL	0.304
921												
922	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
923					k star (bias corrected)	0.249	Data Follow Appr. Gamma Distribution at 5% Significance Level					
924					Theta Star	6.718						
925					nu star	7.482						
926												
927					A-D Test Statistic	0.889	Nonparametric Statistics					
928					5% A-D Critical Value	0.854	Kaplan-Meier (KM) Method					
929					K-S Test Statistic	0.854					Mean	0.0902
930					5% K-S Critical Value	0.242					SD	1.196
931	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	0.0731
932											95% KM (t) UCL	0.211
933	Assuming Gamma Distribution										95% KM (z) UCL	0.21
934					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.207
935					Minimum	1E-09					95% KM (bootstrap t) UCL	1.153
936					Maximum	20.2					95% KM (BCA) UCL	0.243
937					Mean	1.593					95% KM (Percentile Bootstrap) UCL	0.233
938					Median	1.835					95% KM (Chebyshev) UCL	0.409
939					SD	1.274					97.5% KM (Chebyshev) UCL	0.547
940					k star	0.605					99% KM (Chebyshev) UCL	0.818
941					Theta star	2.632						
942					Nu star	347.3	Potential UCLs to Use					
943					AppChi2	305.1					95% KM (t) UCL	0.211
944					95% Gamma Approximate UCL	1.813						
945					95% Adjusted Gamma UCL	1.814						
946	Note: DL/2 is not a recommended method.											
947												
948												
949	Benzo(a)anthracene											
950	General Statistics											
951					Number of Valid Data	310					Number of Detected Data	51
952					Number of Distinct Detected Data	48					Number of Non-Detect Data	259
953											Percent Non-Detects	83.55%
954												

	A	B	C	D	E	F	G	H	I	J	K	L
955	**Raw Statistics**						**Log-transformed Statistics**					
956					Minimum Detected	0.00068					Minimum Detected	-7.293
957					Maximum Detected	6.4					Maximum Detected	1.856
958					Mean of Detected	0.725					Mean of Detected	-1.813
959					SD of Detected	1.341					SD of Detected	2.119
960					Minimum Non-Detect	0.00048					Minimum Non-Detect	-7.642
961					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
962												
963	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	310
964	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
965	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
966												
967	**UCL Statistics**											
968	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
969					Lilliefors Test Statistic	0.294					Lilliefors Test Statistic	0.119
970					5% Lilliefors Critical Value	0.124					5% Lilliefors Critical Value	0.124
971	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
972												
973	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
974					DL/2 Substitution Method						DL/2 Substitution Method	
975					Mean	0.393					Mean	-1.606
976					SD	0.793					SD	1.168
977					95% DL/2 (t) UCL	0.468					95% H-Stat (DL/2) UCL	0.504
978												
979					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
980	**MLE method failed to converge properly**										Mean in Log Scale	-3.372
981											SD in Log Scale	1.658
982											Mean in Original Scale	0.164
983											SD in Original Scale	0.598
984											95% Percentile Bootstrap UCL	0.224
985											95% BCA Bootstrap UCL	0.243
986												
987	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
988					k star (bias corrected)	0.423	**Data appear Gamma Distributed at 5% Significance Level**					
989					Theta Star	1.716						
990					nu star	43.11						
991												
992					A-D Test Statistic	0.631	**Nonparametric Statistics**					
993					5% A-D Critical Value	0.83					Kaplan-Meier (KM) Method	
994					K-S Test Statistic	0.83					Mean	0.179
995					5% K-S Critical Value	0.132					SD	0.6
996	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.0365
997											95% KM (t) UCL	0.239
998	**Assuming Gamma Distribution**										95% KM (z) UCL	0.239
999					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.239
1000					Minimum	0.00068					95% KM (bootstrap t) UCL	0.264
1001					Maximum	6.4					95% KM (BCA) UCL	0.246
1002					Mean	0.718					95% KM (Percentile Bootstrap) UCL	0.244
1003					Median	0.741					95% KM (Chebyshev) UCL	0.338
1004					SD	0.555					97.5% KM (Chebyshev) UCL	0.407
1005					k star	2.02					99% KM (Chebyshev) UCL	0.543
1006					Theta star	0.356						
1007					Nu star	1252	**Potential UCLs to Use**					

1008					AppChi2	1171					95% KM (t) UCL	0.239
1009					95% Gamma Approximate UCL	0.768						
1010					95% Adjusted Gamma UCL	0.768						
1011	Note: DL/2 is not a recommended method.											
1012												
1013												
1014	Benzo(a)pyrene											
1015						General Statistics						
1016					Number of Valid Data	310					Number of Detected Data	42
1017					Number of Distinct Detected Data	40					Number of Non-Detect Data	268
1018											Percent Non-Detects	86.45%
1019												
1020					Raw Statistics						Log-transformed Statistics	
1021					Minimum Detected	0.00032					Minimum Detected	-8.047
1022					Maximum Detected	3.86					Maximum Detected	1.351
1023					Mean of Detected	0.369					Mean of Detected	-2.475
1024					SD of Detected	0.716					SD of Detected	2.039
1025					Minimum Non-Detect	0.00014					Minimum Non-Detect	-8.874
1026					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
1027												
1028	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	310
1029	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1030	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1031												
1032						UCL Statistics						
1033					Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
1034					Shapiro Wilk Test Statistic	0.543					Shapiro Wilk Test Statistic	0.913
1035					5% Shapiro Wilk Critical Value	0.942					5% Shapiro Wilk Critical Value	0.942
1036					Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level	
1037												
1038					Assuming Normal Distribution						Assuming Lognormal Distribution	
1039					DL/2 Substitution Method						DL/2 Substitution Method	
1040					Mean	0.328					Mean	-1.7
1041					SD	0.617					SD	1.179
1042					95% DL/2 (t) UCL	0.386					95% H-Stat (DL/2) UCL	0.485
1043												
1044					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1045					MLE method failed to converge properly						Mean in Log Scale	-3.499
1046											SD in Log Scale	1.446
1047											Mean in Original Scale	0.0946
1048											SD in Original Scale	0.289
1049											95% Percentile Bootstrap UCL	0.124
1050											95% BCA Bootstrap UCL	0.131
1051												
1052					Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only	
1053					k star (bias corrected)	0.424					Data do not follow a Discernable Distribution (0.05)	
1054					Theta Star	0.87						
1055					nu star	35.58						
1056												
1057					A-D Test Statistic	1.197					Nonparametric Statistics	
1058					5% A-D Critical Value	0.827					Kaplan-Meier (KM) Method	
1059					K-S Test Statistic	0.827					Mean	0.103
1060					5% K-S Critical Value	0.145					SD	0.291

1061	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0191
1062											95% KM (t) UCL	0.134
1063	Assuming Gamma Distribution										95% KM (z) UCL	0.134
1064	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.134
1065					Minimum	0.00032					95% KM (bootstrap t) UCL	0.148
1066					Maximum	3.86					95% KM (BCA) UCL	0.137
1067					Mean	0.364					95% KM (Percentile Bootstrap) UCL	0.135
1068					Median	0.382					95% KM (Chebyshev) UCL	0.186
1069					SD	0.272					97.5% KM (Chebyshev) UCL	0.222
1070					k star	2.334					99% KM (Chebyshev) UCL	0.293
1071					Theta star	0.156						
1072					Nu star	1447	Potential UCLs to Use					
1073					AppChi2	1360					97.5% KM (Chebyshev) UCL	0.222
1074					95% Gamma Approximate UCL	0.387						
1075					95% Adjusted Gamma UCL	0.387						
1076	Note: DL/2 is not a recommended method.											
1077												
1078												
1079	Benzo(b)fluoranthene											
1080	General Statistics											
1081					Number of Valid Data	310					Number of Detected Data	43
1082					Number of Distinct Detected Data	37					Number of Non-Detect Data	267
1083											Percent Non-Detects	86.13%
1084												
1085	Raw Statistics						Log-transformed Statistics					
1086					Minimum Detected	0.00079					Minimum Detected	-7.143
1087					Maximum Detected	3.6					Maximum Detected	1.281
1088					Mean of Detected	0.511					Mean of Detected	-1.837
1089					SD of Detected	0.771					SD of Detected	1.942
1090					Minimum Non-Detect	0.00025					Minimum Non-Detect	-8.294
1091					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
1092												
1093	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	310
1094	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1095	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1096												
1097	UCL Statistics											
1098	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1099					Shapiro Wilk Test Statistic	0.658					Shapiro Wilk Test Statistic	0.931
1100					5% Shapiro Wilk Critical Value	0.943					5% Shapiro Wilk Critical Value	0.943
1101	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1102												
1103	Assuming Normal Distribution						Assuming Lognormal Distribution					
1104					DL/2 Substitution Method						DL/2 Substitution Method	
1105					Mean	0.372					Mean	-1.58
1106					SD	0.672					SD	1.126
1107					95% DL/2 (t) UCL	0.435					95% H-Stat (DL/2) UCL	0.482
1108												
1109					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1110	MLE method failed to converge properly										Mean in Log Scale	-3.19
1111											SD in Log Scale	1.428
1112											Mean in Original Scale	0.124
1113											SD in Original Scale	0.331

1114											95% Percentile Bootstrap UCL	0.157
1115											95% BCA Bootstrap UCL	0.162
1116												
1117	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1118					k star (bias corrected)	0.516	Data appear Gamma Distributed at 5% Significance Level					
1119					Theta Star	0.99						
1120					nu star	44.42						
1121												
1122					A-D Test Statistic	0.291	Nonparametric Statistics					
1123					5% A-D Critical Value	0.81	Kaplan-Meier (KM) Method					
1124					K-S Test Statistic	0.81	Mean	0.154				
1125					5% K-S Critical Value	0.142	SD	0.337				
1126	Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.0243				
1127							95% KM (t) UCL	0.194				
1128	Assuming Gamma Distribution						95% KM (z) UCL	0.194				
1129					Gamma ROS Statistics using Extrapolated Data		95% KM (jackknife) UCL	0.194				
1130					Minimum	0.00079	95% KM (bootstrap t) UCL	0.203				
1131					Maximum	3.6	95% KM (BCA) UCL	0.193				
1132					Mean	0.526	95% KM (Percentile Bootstrap) UCL	0.195				
1133					Median	0.448	95% KM (Chebyshev) UCL	0.259				
1134					SD	0.468	97.5% KM (Chebyshev) UCL	0.305				
1135					k star	1.108	99% KM (Chebyshev) UCL	0.395				
1136					Theta star	0.474						
1137					Nu star	686.8	Potential UCLs to Use					
1138					AppChi2	627	95% KM (t) UCL	0.194				
1139					95% Gamma Approximate UCL	0.576						
1140					95% Adjusted Gamma UCL	0.576						
1141	Note: DL/2 is not a recommended method.											
1142												
1143												
1144	Benzo(k)fluoranthene											
1145	General Statistics											
1146					Number of Valid Data	309	Number of Detected Data	36				
1147					Number of Distinct Detected Data	30	Number of Non-Detect Data	273				
1148							Percent Non-Detects	88.35%				
1149												
1150	Raw Statistics						Log-transformed Statistics					
1151					Minimum Detected	0.00028	Minimum Detected	-8.181				
1152					Maximum Detected	1.82	Maximum Detected	0.599				
1153					Mean of Detected	0.272	Mean of Detected	-2.65				
1154					SD of Detected	0.375	SD of Detected	2.248				
1155					Minimum Non-Detect	0.00015	Minimum Non-Detect	-8.805				
1156					Maximum Non-Detect	11.4	Maximum Non-Detect	2.434				
1157												
1158	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect	309				
1159	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected	0				
1160	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage	100.00%				
1161												
1162	UCL Statistics											
1163	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1164					Shapiro Wilk Test Statistic	0.723	Shapiro Wilk Test Statistic	0.904				
1165					5% Shapiro Wilk Critical Value	0.935	5% Shapiro Wilk Critical Value	0.935				
1166	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					

1167												
1168	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1169				DL/2 Substitution Method						DL/2 Substitution Method		
1170				Mean	0.321					Mean	-1.687	
1171				SD	0.561					SD	1.207	
1172				95% DL/2 (t) UCL	0.373					95% H-Stat (DL/2) UCL	0.487	
1173												
1174				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1175	**MLE method failed to converge properly**									Mean in Log Scale	-4.053	
1176										SD in Log Scale	1.575	
1177										Mean in Original Scale	0.0601	
1178										SD in Original Scale	0.154	
1179										95% Percentile Bootstrap UCL	0.0754	
1180										95% BCA Bootstrap UCL	0.0781	
1181												
1182	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1183				k star (bias corrected)	0.453		**Data appear Gamma Distributed at 5% Significance Level**					
1184				Theta Star	0.601							
1185				nu star	32.64							
1186												
1187				A-D Test Statistic	0.404		**Nonparametric Statistics**					
1188				5% A-D Critical Value	0.818					Kaplan-Meier (KM) Method		
1189				K-S Test Statistic	0.818					Mean	0.081	
1190				5% K-S Critical Value	0.156					SD	0.161	
1191	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.0149	
1192										95% KM (t) UCL	0.106	
1193	**Assuming Gamma Distribution**									95% KM (z) UCL	0.106	
1194				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.106	
1195				Minimum	0.00028					95% KM (bootstrap t) UCL	0.109	
1196				Maximum	1.82					95% KM (BCA) UCL	0.106	
1197				Mean	0.271					95% KM (Percentile Bootstrap) UCL	0.106	
1198				Median	0.273					95% KM (Chebyshev) UCL	0.146	
1199				SD	0.127					97.5% KM (Chebyshev) UCL	0.174	
1200				k star	3.29					99% KM (Chebyshev) UCL	0.229	
1201				Theta star	0.0824							
1202				Nu star	2034		**Potential UCLs to Use**					
1203				AppChi2	1930					95% KM (t) UCL	0.106	
1204				95% Gamma Approximate UCL	0.286							
1205				95% Adjusted Gamma UCL	0.286							
1206	**Note: DL/2 is not a recommended method.**											
1207												
1208												
1209	**bis(2-Chloroethyl) ether**											
1210	**General Statistics**											
1211				Number of Valid Data	64					Number of Detected Data	1	
1212				Number of Distinct Detected Data	1					Number of Non-Detect Data	63	
1213										Percent Non-Detects	98.44%	
1214												
1215	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
1216	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
1217												
1218	**The data set for variable bis(2-Chloroethyl) ether was not processed!**											
1219												

1220												
1221	**Carbazole**											
1222					**General Statistics**							
1223					Number of Valid Data	52				Number of Detected Data	6	
1224					Number of Distinct Detected Data	6				Number of Non-Detect Data	46	
1225										Percent Non-Detects	88.46%	
1226												
1227				**Raw Statistics**					**Log-transformed Statistics**			
1228				Minimum Detected	0.005				Minimum Detected	-5.298		
1229				Maximum Detected	0.076				Maximum Detected	-2.577		
1230				Mean of Detected	0.0387				Mean of Detected	-3.524		
1231				SD of Detected	0.0241				SD of Detected	0.956		
1232				Minimum Non-Detect	0.36				Minimum Non-Detect	-1.022		
1233				Maximum Non-Detect	10				Maximum Non-Detect	2.303		
1234												
1235	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	52		
1236	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	0		
1237	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	100.00%		
1238												
1239					**Warning: There are only 6 Detected Values in this data**							
1240					**Note: It should be noted that even though bootstrap may be performed on this data set**							
1241					**the resulting calculations may not be reliable enough to draw conclusions**							
1242												
1243					**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**							
1244												
1245												
1246					**UCL Statistics**							
1247				**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**			
1248				Shapiro Wilk Test Statistic	0.975				Shapiro Wilk Test Statistic	0.854		
1249				5% Shapiro Wilk Critical Value	0.788				5% Shapiro Wilk Critical Value	0.788		
1250				**Data appear Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**			
1251												
1252				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
1253				DL/2 Substitution Method					DL/2 Substitution Method			
1254				Mean	0.388				Mean	-1.647		
1255				SD	0.882				SD	1.008		
1256				95% DL/2 (t) UCL	0.593				95% H-Stat (DL/2) UCL	0.611		
1257												
1258				Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method			
1259				**MLE method failed to converge properly**					Mean in Log Scale	-3.524		
1260									SD in Log Scale	0.746		
1261									Mean in Original Scale	0.038		
1262									SD in Original Scale	0.0276		
1263									95% Percentile Bootstrap UCL	0.0443		
1264									95% BCA Bootstrap UCL	0.0448		
1265												
1266				**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**			
1267				k star (bias corrected)	1.109				**Data appear Normal at 5% Significance Level**			
1268				Theta Star	0.0349							
1269				nu star	13.3							
1270												
1271				A-D Test Statistic	0.364				**Nonparametric Statistics**			
1272				5% A-D Critical Value	0.704				Kaplan-Meier (KM) Method			

1273					K-S Test Statistic	0.704					Mean	0.0387
1274					5% K-S Critical Value	0.336					SD	0.022
1275					Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.00984
1276											95% KM (t) UCL	0.0551
1277					Assuming Gamma Distribution						95% KM (z) UCL	0.0548
1278					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0565
1279					Minimum	0.00175					95% KM (bootstrap t) UCL	0.0585
1280					Maximum	0.076					95% KM (BCA) UCL	0.0547
1281					Mean	0.0387					95% KM (Percentile Bootstrap) UCL	0.0552
1282					Median	0.0391					95% KM (Chebyshev) UCL	0.0815
1283					SD	0.0198					97.5% KM (Chebyshev) UCL	0.1
1284					k star	2.416					99% KM (Chebyshev) UCL	0.137
1285					Theta star	0.016						
1286					Nu star	251.3					Potential UCLs to Use	
1287					AppChi2	215.6					95% KM (t) UCL	0.0551
1288					95% Gamma Approximate UCL	0.0452					95% KM (Percentile Bootstrap) UCL	0.0552
1289					95% Adjusted Gamma UCL	0.0454						
1290	Note: DL/2 is not a recommended method.											
1291												
1292												
1293	Chromium											
1294					General Statistics							
1295					Number of Valid Data	39					Number of Detected Data	34
1296					Number of Distinct Detected Data	33					Number of Non-Detect Data	5
1297											Percent Non-Detects	12.82%
1298												
1299					Raw Statistics						Log-transformed Statistics	
1300					Minimum Detected	1.26					Minimum Detected	0.231
1301					Maximum Detected	12.6					Maximum Detected	2.534
1302					Mean of Detected	4.547					Mean of Detected	1.311
1303					SD of Detected	3.115					SD of Detected	0.638
1304					Minimum Non-Detect	0.75					Minimum Non-Detect	-0.288
1305					Maximum Non-Detect	22					Maximum Non-Detect	3.091
1306												
1307	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	39
1308	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1309	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1310												
1311					UCL Statistics							
1312					Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only	
1313					Shapiro Wilk Test Statistic	0.841					Shapiro Wilk Test Statistic	0.957
1314					5% Shapiro Wilk Critical Value	0.933					5% Shapiro Wilk Critical Value	0.933
1315					Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level	
1316												
1317					Assuming Normal Distribution						Assuming Lognormal Distribution	
1318					DL/2 Substitution Method						DL/2 Substitution Method	
1319					Mean	4.336					Mean	1.173
1320					SD	3.304					SD	0.825
1321					95% DL/2 (t) UCL	5.228					95% H-Stat (DL/2) UCL	5.601
1322												
1323					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1324					MLE method failed to converge properly						Mean in Log Scale	1.192
1325											SD in Log Scale	0.702

1326											Mean in Original Scale	4.182
1327											SD in Original Scale	3.078
1328											95% Percentile Bootstrap UCL	5.024
1329											95% BCA Bootstrap UCL	5.1
1330												
1331				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
1332						k star (bias corrected)	2.404				Data appear Gamma Distributed at 5% Significance Level	
1333						Theta Star	1.891					
1334						nu star	163.5					
1335												
1336						A-D Test Statistic	0.708				Nonparametric Statistics	
1337						5% A-D Critical Value	0.756				Kaplan-Meier (KM) Method	
1338						K-S Test Statistic	0.756				Mean	4.233
1339						5% K-S Critical Value	0.152				SD	3.047
1340				Data appear Gamma Distributed at 5% Significance Level							SE of Mean	0.502
1341											95% KM (t) UCL	5.079
1342				Assuming Gamma Distribution							95% KM (z) UCL	5.059
1343						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	5.072
1344						Minimum	1E-09				95% KM (bootstrap t) UCL	5.279
1345						Maximum	12.6				95% KM (BCA) UCL	5.132
1346						Mean	4.228				95% KM (Percentile Bootstrap) UCL	5.099
1347						Median	3.354				95% KM (Chebyshev) UCL	6.421
1348						SD	3.116				97.5% KM (Chebyshev) UCL	7.368
1349						k star	0.477				99% KM (Chebyshev) UCL	9.228
1350						Theta star	8.867					
1351						Nu star	37.19				Potential UCLs to Use	
1352						AppChi2	24.23				95% KM (BCA) UCL	5.132
1353						95% Gamma Approximate UCL	6.489					
1354						95% Adjusted Gamma UCL	6.602					
1355	Note: DL/2 is not a recommended method.											
1356												
1357												
1358	Dibenzo(a,h)anthracene											
1359							General Statistics					
1360						Number of Valid Data	310				Number of Detected Data	14
1361						Number of Distinct Detected Data	14				Number of Non-Detect Data	296
1362											Percent Non-Detects	95.48%
1363												
1364				Raw Statistics							Log-transformed Statistics	
1365						Minimum Detected	0.00059				Minimum Detected	-7.435
1366						Maximum Detected	2.7				Maximum Detected	0.993
1367						Mean of Detected	0.326				Mean of Detected	-3.363
1368						SD of Detected	0.708				SD of Detected	2.75
1369						Minimum Non-Detect	0.00028				Minimum Non-Detect	-8.181
1370						Maximum Non-Detect	11.4				Maximum Non-Detect	2.434
1371												
1372	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	310
1373	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1374	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1375												
1376							UCL Statistics					
1377				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
1378						Shapiro Wilk Test Statistic	0.5				Shapiro Wilk Test Statistic	0.934

1379				5% Shapiro Wilk Critical Value	0.874					5% Shapiro Wilk Critical Value	0.874
1380	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1381												
1382	Assuming Normal Distribution						Assuming Lognormal Distribution					
1383				DL/2 Substitution Method						DL/2 Substitution Method		
1384				Mean	0.34					Mean	-1.645	
1385				SD	0.634					SD	1.177	
1386				95% DL/2 (t) UCL	0.4					95% H-Stat (DL/2) UCL	0.44	
1387												
1388				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1389	MLE method failed to converge properly									Mean in Log Scale	-5.484	
1390										SD in Log Scale	1.873	
1391										Mean in Original Scale	0.0288	
1392										SD in Original Scale	0.162	
1393										95% Percentile Bootstrap UCL	0.0456	
1394										95% BCA Bootstrap UCL	0.0589	
1395												
1396	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1397				k star (bias corrected)	0.289		Data appear Gamma Distributed at 5% Significance Level					
1398				Theta Star	1.129							
1399				nu star	8.078							
1400												
1401				A-D Test Statistic	0.389		Nonparametric Statistics					
1402				5% A-D Critical Value	0.831					Kaplan-Meier (KM) Method		
1403				K-S Test Statistic	0.831					Mean	0.05	
1404				5% K-S Critical Value	0.248					SD	0.17	
1405	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	0.0186	
1406										95% KM (t) UCL	0.0807	
1407				Assuming Gamma Distribution						95% KM (z) UCL	0.0806	
1408				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0814	
1409				Minimum	0.00059					95% KM (bootstrap t) UCL	0.101	
1410				Maximum	2.7					95% KM (BCA) UCL	0.0851	
1411				Mean	0.323					95% KM (Percentile Bootstrap) UCL	0.0819	
1412				Median	0.286					95% KM (Chebyshev) UCL	0.131	
1413				SD	0.169					97.5% KM (Chebyshev) UCL	0.166	
1414				k star	3.943					99% KM (Chebyshev) UCL	0.235	
1415				Theta star	0.0818							
1416				Nu star	2445		Potential UCLs to Use					
1417				AppChi2	2331					95% KM (t) UCL	0.0807	
1418				95% Gamma Approximate UCL	0.338							
1419				95% Adjusted Gamma UCL	0.338							
1420	Note: DL/2 is not a recommended method.											
1421												
1422												
1423	Dibromochloromethane											
1424				General Statistics								
1425				Number of Valid Data	287					Number of Detected Data	7	
1426				Number of Distinct Detected Data	7					Number of Non-Detect Data	280	
1427										Percent Non-Detects	97.56%	
1428												
1429	Raw Statistics						Log-transformed Statistics					
1430				Minimum Detected	0.07					Minimum Detected	-2.659	
1431				Maximum Detected	4.8					Maximum Detected	1.569	

1432					Mean of Detected	1.006					Mean of Detected	-1.186
1433					SD of Detected	1.739					SD of Detected	1.624
1434					Minimum Non-Detect	0.00017					Minimum Non-Detect	-8.68
1435					Maximum Non-Detect	12					Maximum Non-Detect	2.485
1436												
1437	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	287
1438	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1439	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1440												
1441	**Warning: There are only 7 Detected Values in this data**											
1442	**Note: It should be noted that even though bootstrap may be performed on this data set**											
1443	**the resulting calculations may not be reliable enough to draw conclusions**											
1444												
1445	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
1446												
1447	**UCL Statistics**											
1448	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1449					Shapiro Wilk Test Statistic	0.635					Shapiro Wilk Test Statistic	0.875
1450					5% Shapiro Wilk Critical Value	0.803					5% Shapiro Wilk Critical Value	0.803
1451	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1452												
1453	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1454					DL/2 Substitution Method						DL/2 Substitution Method	
1455					Mean	0.183					Mean	-3.47
1456					SD	0.631					SD	1.815
1457					95% DL/2 (t) UCL	0.244					95% H-Stat (DL/2) UCL	0.215
1458												
1459					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1460	**MLE method failed to converge properly**										Mean in Log Scale	-11.98
1461											SD in Log Scale	3.962
1462											Mean in Original Scale	0.025
1463											SD in Original Scale	0.296
1464											95% Percentile Bootstrap UCL	0.058
1465											95% BCA Bootstrap UCL	0.0818
1466												
1467	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1468					k star (bias corrected)	0.397	**Data appear Gamma Distributed at 5% Significance Level**					
1469					Theta Star	2.532						
1470					nu star	5.56						
1471												
1472					A-D Test Statistic	0.651	**Nonparametric Statistics**					
1473					5% A-D Critical Value	0.75					Kaplan-Meier (KM) Method	
1474					K-S Test Statistic	0.75					Mean	0.0935
1475					5% K-S Critical Value	0.327					SD	0.292
1476	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.0188
1477											95% KM (t) UCL	0.125
1478	**Assuming Gamma Distribution**										95% KM (z) UCL	0.124
1479					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.117
1480					Minimum	0.07					95% KM (bootstrap t) UCL	0.33
1481					Maximum	4.8					95% KM (BCA) UCL	0.449
1482					Mean	1.009					95% KM (Percentile Bootstrap) UCL	0.157
1483					Median	1.003					95% KM (Chebyshev) UCL	0.175
1484					SD	0.253					97.5% KM (Chebyshev) UCL	0.211

1485					k star	17.08				99% KM (Chebyshev) UCL		0.28
1486					Theta star	0.0591						
1487					Nu star	9806				Potential UCLs to Use		
1488					AppChi2	9577				95% KM (t) UCL		0.125
1489				95% Gamma Approximate UCL		1.034						
1490				95% Adjusted Gamma UCL		1.034						
1491	Note: DL/2 is not a recommended method.											
1492												
1493												
1494	Dichloromethane (Methylene chloride)											
1495				Number of Valid Data		287				Number of Detected Data		44
1496				Number of Distinct Detected Data		28				Number of Non-Detect Data		243
1497										Percent Non-Detects		84.67%
1498												
1499				Raw Statistics						Log-transformed Statistics		
1500				Minimum Detected		0.00033				Minimum Detected		-8.016
1501				Maximum Detected		16				Maximum Detected		2.773
1502				Mean of Detected		0.594				Mean of Detected		-3.823
1503				SD of Detected		2.438				SD of Detected		2.554
1504				Minimum Non-Detect		0.00015				Minimum Non-Detect		-8.805
1505				Maximum Non-Detect		12				Maximum Non-Detect		2.485
1506												
1507	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		286
1508	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
1509	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.65%
1510												
1511	UCL Statistics											
1512	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
1513				Shapiro Wilk Test Statistic		0.265				Shapiro Wilk Test Statistic		0.926
1514				5% Shapiro Wilk Critical Value		0.944				5% Shapiro Wilk Critical Value		0.944
1515	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level		
1516												
1517	Assuming Normal Distribution									Assuming Lognormal Distribution		
1518				DL/2 Substitution Method						DL/2 Substitution Method		
1519				Mean		0.245				Mean		-3.362
1520				SD		1.11				SD		1.859
1521				95% DL/2 (t) UCL		0.353				95% H-Stat (DL/2) UCL		0.371
1522												
1523				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
1524	MLE method failed to converge properly									Mean in Log Scale		-5.903
1525										SD in Log Scale		2.232
1526										Mean in Original Scale		0.099
1527										SD in Original Scale		0.969
1528										95% Percentile Bootstrap UCL		0.209
1529										95% BCA Bootstrap UCL		0.319
1530												
1531	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
1532				k star (bias corrected)		0.22				Data do not follow a Discernable Distribution (0.05)		
1533				Theta Star		2.705						
1534				nu star		19.34						
1535												
1536				A-D Test Statistic		4.397				Nonparametric Statistics		
1537				5% A-D Critical Value		0.896				Kaplan-Meier (KM) Method		

1538				K-S Test Statistic	0.896					Mean	0.0994	
1539				5% K-S Critical Value	0.147					SD	0.968	
1540				Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.0579	
1541										95% KM (t) UCL	0.195	
1542				Assuming Gamma Distribution						95% KM (z) UCL	0.195	
1543				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.194	
1544				Minimum	0.00033					95% KM (bootstrap t) UCL	0.504	
1545				Maximum	16					95% KM (BCA) UCL	0.211	
1546				Mean	0.591					95% KM (Percentile Bootstrap) UCL	0.213	
1547				Median	0.596					95% KM (Chebyshev) UCL	0.352	
1548				SD	0.945					97.5% KM (Chebyshev) UCL	0.461	
1549				k star	1.115					99% KM (Chebyshev) UCL	0.675	
1550				Theta star	0.53							
1551				Nu star	640					Potential UCLs to Use		
1552				AppChi2	582.3					97.5% KM (Chebyshev) UCL	0.461	
1553				95% Gamma Approximate UCL	0.649							
1554				95% Adjusted Gamma UCL	0.65							
1555	Note: DL/2 is not a recommended method.											
1556												
1557												
1558	Ethyl benzene											
1559						General Statistics						
1560				Number of Valid Data	287					Number of Detected Data	51	
1561				Number of Distinct Detected Data	47					Number of Non-Detect Data	236	
1562										Percent Non-Detects	82.23%	
1563												
1564				Raw Statistics						Log-transformed Statistics		
1565				Minimum Detected	0.0007					Minimum Detected	-7.264	
1566				Maximum Detected	18					Maximum Detected	2.89	
1567				Mean of Detected	2.107					Mean of Detected	-0.679	
1568				SD of Detected	3.576					SD of Detected	2.216	
1569				Minimum Non-Detect	0.00004					Minimum Non-Detect	-10.13	
1570				Maximum Non-Detect	11					Maximum Non-Detect	2.398	
1571												
1572	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	285	
1573	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	2	
1574	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	99.30%	
1575												
1576						UCL Statistics						
1577				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
1578				Lilliefors Test Statistic	0.278					Lilliefors Test Statistic	0.12	
1579				5% Lilliefors Critical Value	0.124					5% Lilliefors Critical Value	0.124	
1580				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
1581												
1582				Assuming Normal Distribution						Assuming Lognormal Distribution		
1583				DL/2 Substitution Method						DL/2 Substitution Method		
1584				Mean	0.485					Mean	-3.191	
1585				SD	1.731					SD	2.268	
1586				95% DL/2 (t) UCL	0.654					95% H-Stat (DL/2) UCL	0.678	
1587												
1588				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1589				MLE method failed to converge properly						Mean in Log Scale	-6.323	
1590										SD in Log Scale	3.686	

1591											Mean in Original Scale	0.378
1592											SD in Original Scale	1.698
1593											95% Percentile Bootstrap UCL	0.554
1594											95% BCA Bootstrap UCL	0.638
1595												
1596			Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only	
1597					k star (bias corrected)	0.439					Data appear Gamma Distributed at 5% Significance Level	
1598					Theta Star	4.796						
1599					nu star	44.81						
1600												
1601					A-D Test Statistic	0.31					Nonparametric Statistics	
1602					5% A-D Critical Value	0.826					Kaplan-Meier (KM) Method	
1603					K-S Test Statistic	0.826					Mean	0.382
1604					5% K-S Critical Value	0.132					SD	1.697
1605			Data appear Gamma Distributed at 5% Significance Level								SE of Mean	0.101
1606											95% KM (t) UCL	0.549
1607			Assuming Gamma Distribution								95% KM (z) UCL	0.549
1608					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.547
1609					Minimum	0.0007					95% KM (bootstrap t) UCL	0.645
1610					Maximum	18					95% KM (BCA) UCL	0.574
1611					Mean	2.266					95% KM (Percentile Bootstrap) UCL	0.563
1612					Median	1.846					95% KM (Chebyshev) UCL	0.824
1613					SD	1.853					97.5% KM (Chebyshev) UCL	1.015
1614					k star	1.525					99% KM (Chebyshev) UCL	1.39
1615					Theta star	1.486						
1616					Nu star	875.3					Potential UCLs to Use	
1617					AppChi2	807.6					95% KM (t) UCL	0.549
1618					95% Gamma Approximate UCL	2.456						
1619					95% Adjusted Gamma UCL	2.457						
1620	Note: DL/2 is not a recommended method.											
1621												
1622												
1623	Indeno(1,2,3-cd)pyrene											
1624							General Statistics					
1625					Number of Valid Data	310					Number of Detected Data	30
1626					Number of Distinct Detected Data	28					Number of Non-Detect Data	280
1627											Percent Non-Detects	90.32%
1628												
1629			Raw Statistics								Log-transformed Statistics	
1630					Minimum Detected	0.00026					Minimum Detected	-8.255
1631					Maximum Detected	2.2					Maximum Detected	0.788
1632					Mean of Detected	0.262					Mean of Detected	-2.85
1633					SD of Detected	0.501					SD of Detected	2.143
1634					Minimum Non-Detect	0.00016					Minimum Non-Detect	-8.74
1635					Maximum Non-Detect	11.4					Maximum Non-Detect	2.434
1636												
1637	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	310
1638	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1639	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1640												
1641							UCL Statistics					
1642			Normal Distribution Test with Detected Values Only								Lognormal Distribution Test with Detected Values Only	
1643					Shapiro Wilk Test Statistic	0.549					Shapiro Wilk Test Statistic	0.933

1644				5% Shapiro Wilk Critical Value	0.927					5% Shapiro Wilk Critical Value	0.927
1645	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1646												
1647	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1648				DL/2 Substitution Method						DL/2 Substitution Method		
1649				Mean	0.335					Mean	-1.673	
1650				SD	0.627					SD	1.17	
1651				95% DL/2 (t) UCL	0.394					95% H-Stat (DL/2) UCL	0.468	
1652												
1653				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1654	**MLE method failed to converge properly**									Mean in Log Scale	-3.86	
1655										SD in Log Scale	1.442	
1656										Mean in Original Scale	0.062	
1657										SD in Original Scale	0.175	
1658										95% Percentile Bootstrap UCL	0.0793	
1659										95% BCA Bootstrap UCL	0.0864	
1660												
1661	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1662				k star (bias corrected)	0.41		**Data appear Lognormal at 5% Significance Level**					
1663				Theta Star	0.639							
1664				nu star	24.59							
1665												
1666				A-D Test Statistic	0.867		**Nonparametric Statistics**					
1667				5% A-D Critical Value	0.825					Kaplan-Meier (KM) Method		
1668				K-S Test Statistic	0.825					Mean	0.0746	
1669				5% K-S Critical Value	0.171					SD	0.177	
1670	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.014	
1671										95% KM (t) UCL	0.0977	
1672	**Assuming Gamma Distribution**									95% KM (z) UCL	0.0976	
1673				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0977	
1674				Minimum	0.00026					95% KM (bootstrap t) UCL	0.104	
1675				Maximum	2.2					95% KM (BCA) UCL	0.0989	
1676				Mean	0.258					95% KM (Percentile Bootstrap) UCL	0.0981	
1677				Median	0.218					95% KM (Chebyshev) UCL	0.136	
1678				SD	0.195					97.5% KM (Chebyshev) UCL	0.162	
1679				k star	2.178					99% KM (Chebyshev) UCL	0.214	
1680				Theta star	0.118							
1681				Nu star	1351		**Potential UCLs to Use**					
1682				AppChi2	1266					97.5% KM (Chebyshev) UCL	0.162	
1683				95% Gamma Approximate UCL	0.275							
1684				95% Adjusted Gamma UCL	0.275							
1685	**Note: DL/2 is not a recommended method.**											
1686												
1687												
1688	**Iron**											
1689					**General Statistics**							
1690				Number of Valid Observations	34					Number of Distinct Observations	34	
1691												
1692				**Raw Statistics**						**Log-transformed Statistics**		
1693				Minimum	32.7					Minimum of Log Data	3.487	
1694				Maximum	25500					Maximum of Log Data	10.15	
1695				Mean	5643					Mean of log Data	7.792	
1696				Median	2290					SD of log Data	1.529	

1697					SD	6579						
1698					Coefficient of Variation	1.166						
1699					Skewness	1.458						
1700												
1701					**Relevant UCL Statistics**							
1702					**Normal Distribution Test**					**Lognormal Distribution Test**		
1703					Shapiro Wilk Test Statistic	0.795				Shapiro Wilk Test Statistic	0.953	
1704					Shapiro Wilk Critical Value	0.933				Shapiro Wilk Critical Value	0.933	
1705					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
1706												
1707					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
1708					95% Student's-t UCL	7552				95% H-UCL	18057	
1709					**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL	17967	
1710					95% Adjusted-CLT UCL	7800				97.5% Chebyshev (MVUE) UCL	22594	
1711					95% Modified-t UCL	7599				99% Chebyshev (MVUE) UCL	31682	
1712												
1713					**Gamma Distribution Test**					**Data Distribution**		
1714					k star (bias corrected)	0.669				**Data appear Gamma Distributed at 5% Significance Level**		
1715					Theta Star	8432						
1716					MLE of Mean	5643						
1717					MLE of Standard Deviation	6898						
1718					nu star	45.51						
1719					Approximate Chi Square Value (.05)	31.03				**Nonparametric Statistics**		
1720					Adjusted Level of Significance	0.0422				95% CLT UCL	7499	
1721					Adjusted Chi Square Value	30.44				95% Jackknife UCL	7552	
1722										95% Standard Bootstrap UCL	7509	
1723					Anderson-Darling Test Statistic	0.628				95% Bootstrap-t UCL	7999	
1724					Anderson-Darling 5% Critical Value	0.791				95% Hall's Bootstrap UCL	7795	
1725					Kolmogorov-Smirnov Test Statistic	0.151				95% Percentile Bootstrap UCL	7479	
1726					Kolmogorov-Smirnov 5% Critical Value	0.157				95% BCA Bootstrap UCL	7898	
1727					**Data appear Gamma Distributed at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL	10561	
1728										97.5% Chebyshev(Mean, Sd) UCL	12689	
1729					**Assuming Gamma Distribution**					99% Chebyshev(Mean, Sd) UCL	16869	
1730					95% Approximate Gamma UCL	8275						
1731					95% Adjusted Gamma UCL	8436						
1732												
1733					**Potential UCL to Use**					Use 95% Approximate Gamma UCL	8275	
1734												
1735												
1736	**Lead**											
1737					**General Statistics**							
1738					Number of Valid Data	489				Number of Detected Data	405	
1739					Number of Distinct Detected Data	344				Number of Non-Detect Data	84	
1740										Percent Non-Detects	17.18%	
1741												
1742					**Raw Statistics**					**Log-transformed Statistics**		
1743					Minimum Detected	1.38				Minimum Detected	0.322	
1744					Maximum Detected	4430				Maximum Detected	8.396	
1745					Mean of Detected	186.1				Mean of Detected	4.425	
1746					SD of Detected	373.7				SD of Detected	1.282	
1747					Minimum Non-Detect	3.66				Minimum Non-Detect	1.297	
1748					Maximum Non-Detect	13.9				Maximum Non-Detect	2.632	
1749												

	A	B	C	D	E	F	G	H	I	J	K	L
1750	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	111
1751	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	378
1752	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	22.70%
1753												
1754	UCL Statistics											
1755	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1756					Lilliefors Test Statistic	0.311					Lilliefors Test Statistic	0.0333
1757					5% Lilliefors Critical Value	0.044					5% Lilliefors Critical Value	0.044
1758	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1759												
1760	Assuming Normal Distribution						Assuming Lognormal Distribution					
1761					DL/2 Substitution Method						DL/2 Substitution Method	
1762					Mean	155.2					Mean	3.969
1763					SD	346.7					SD	1.541
1764					95% DL/2 (t) UCL	181					95% H-Stat (DL/2) UCL	176.8
1765												
1766					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
1767					Mean	88.65					Mean in Log Scale	4.003
1768					SD	408.9					SD in Log Scale	1.501
1769					95% MLE (t) UCL	119.1					Mean in Original Scale	155.5
1770					95% MLE (Tiku) UCL	118.8					SD in Original Scale	346.6
1771											95% Percentile Bootstrap UCL	181.4
1772											95% BCA Bootstrap UCL	188.7
1773												
1774	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1775					k star (bias corrected)	0.744	Data appear Lognormal at 5% Significance Level					
1776					Theta Star	250.2						
1777					nu star	602.4						
1778												
1779					A-D Test Statistic	6.263	Nonparametric Statistics					
1780					5% A-D Critical Value	0.798					Kaplan-Meier (KM) Method	
1781					K-S Test Statistic	0.798					Mean	155.1
1782					5% K-S Critical Value	0.0468					SD	346.4
1783	Data not Gamma Distributed at 5% Significance Level										SE of Mean	15.68
1784											95% KM (t) UCL	180.9
1785	Assuming Gamma Distribution										95% KM (z) UCL	180.9
1786					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	180.9
1787					Minimum	1E-09					95% KM (bootstrap t) UCL	189.6
1788					Maximum	4430					95% KM (BCA) UCL	181
1789					Mean	154.1					95% KM (Percentile Bootstrap) UCL	182
1790					Median	64.4					95% KM (Chebyshev) UCL	223.5
1791					SD	347.2					97.5% KM (Chebyshev) UCL	253
1792					k star	0.155					99% KM (Chebyshev) UCL	311.1
1793					Theta star	991.4						
1794					Nu star	152.1	Potential UCLs to Use					
1795					AppChi2	124.6					95% KM (Chebyshev) UCL	223.5
1796					95% Gamma Approximate UCL	188.2						
1797					95% Adjusted Gamma UCL	188.3						
1798	Note: DL/2 is not a recommended method.											
1799												
1800												
1801	Mercury											
1802	General Statistics											

1803				Number of Valid Data	471					Number of Detected Data	258	
1804				Number of Distinct Detected Data	203					Number of Non-Detect Data	213	
1805										Percent Non-Detects	45.22%	
1806												
1807				**Raw Statistics**						**Log-transformed Statistics**		
1808				Minimum Detected	0.0183					Minimum Detected	-4.001	
1809				Maximum Detected	20.8					Maximum Detected	3.035	
1810				Mean of Detected	3.318					Mean of Detected	0.374	
1811				SD of Detected	4.332					SD of Detected	1.447	
1812				Minimum Non-Detect	0.00999					Minimum Non-Detect	-4.606	
1813				Maximum Non-Detect	1.9					Maximum Non-Detect	0.642	
1814												
1815	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	359	
1816	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	112	
1817	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	76.22%	
1818												
1819				**UCL Statistics**								
1820				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1821				Lilliefors Test Statistic	0.223					Lilliefors Test Statistic	0.0649	
1822				5% Lilliefors Critical Value	0.0552					5% Lilliefors Critical Value	0.0552	
1823				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1824												
1825				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1826				DL/2 Substitution Method						DL/2 Substitution Method		
1827				Mean	1.949					Mean	-0.382	
1828				SD	3.541					SD	1.394	
1829				95% DL/2 (t) UCL	2.218					95% H-Stat (DL/2) UCL	1.862	
1830												
1831				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1832				**MLE yields a negative mean**						Mean in Log Scale	-0.69	
1833										SD in Log Scale	1.712	
1834										Mean in Original Scale	1.908	
1835										SD in Original Scale	3.562	
1836										95% Percentile Bootstrap UCL	2.18	
1837										95% BCA Bootstrap UCL	2.206	
1838												
1839				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1840				k star (bias corrected)	0.722					**Data do not follow a Discernable Distribution (0.05)**		
1841				Theta Star	4.593							
1842				nu star	372.7							
1843												
1844				A-D Test Statistic	3.116					**Nonparametric Statistics**		
1845				5% A-D Critical Value	0.799					Kaplan-Meier (KM) Method		
1846				K-S Test Statistic	0.799					Mean	1.912	
1847				5% K-S Critical Value	0.0593					SD	3.557	
1848				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.165	
1849										95% KM (t) UCL	2.183	
1850				**Assuming Gamma Distribution**						95% KM (z) UCL	2.183	
1851				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.183	
1852				Minimum	0.0183					95% KM (bootstrap t) UCL	2.2	
1853				Maximum	20.8					95% KM (BCA) UCL	2.165	
1854				Mean	3.295					95% KM (Percentile Bootstrap) UCL	2.185	
1855				Median	2.955					95% KM (Chebyshev) UCL	2.629	

1856					SD	3.214				97.5% KM (Chebyshev) UCL		2.94
1857					k star	1.232				99% KM (Chebyshev) UCL		3.549
1858					Theta star	2.674						
1859					Nu star	1161				**Potential UCLs to Use**		
1860					AppChi2	1082				95% KM (Chebyshev) UCL		2.629
1861					95% Gamma Approximate UCL	3.533						
1862					95% Adjusted Gamma UCL	3.533						
1863	**Note: DL/2 is not a recommended method.**											
1864												
1865												
1866	**Naphthalene**											
1867						**General Statistics**						
1868					Number of Valid Data	312				Number of Detected Data		71
1869					Number of Distinct Detected Data	68				Number of Non-Detect Data		241
1870										Percent Non-Detects		77.24%
1871												
1872					**Raw Statistics**					**Log-transformed Statistics**		
1873					Minimum Detected	0.00038				Minimum Detected		-7.875
1874					Maximum Detected	28				Maximum Detected		3.332
1875					Mean of Detected	2.778				Mean of Detected		-0.861
1876					SD of Detected	4.807				SD of Detected		2.716
1877					Minimum Non-Detect	0.3				Minimum Non-Detect		-1.204
1878					Maximum Non-Detect	11.4				Maximum Non-Detect		2.434
1879												
1880	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		308
1881	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		4
1882	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		98.72%
1883												
1884						**UCL Statistics**							
1885					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
1886					Lilliefors Test Statistic	0.282				Lilliefors Test Statistic		0.132
1887					5% Lilliefors Critical Value	0.105				5% Lilliefors Critical Value		0.105
1888					**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**		
1889												
1890					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
1891					DL/2 Substitution Method					DL/2 Substitution Method		
1892					Mean	0.886				Mean		-1.367
1893					SD	2.56				SD		1.428
1894					95% DL/2 (t) UCL	1.125				95% H-Stat (DL/2) UCL		0.856
1895												
1896					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1897					**MLE method failed to converge properly**					Mean in Log Scale		-3.113
1898										SD in Log Scale		2.311
1899										Mean in Original Scale		0.683
1900										SD in Original Scale		2.55
1901										95% Percentile Bootstrap UCL		0.922
1902										95% BCA Bootstrap UCL		0.995
1903												
1904					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		
1905					k star (bias corrected)	0.35				**Data appear Gamma Distributed at 5% Significance Level**		
1906					Theta Star	7.927						
1907					nu star	49.76						
1908												

1909				A-D Test Statistic	0.287		**Nonparametric Statistics**					
1910				5% A-D Critical Value	0.852					Kaplan-Meier (KM) Method		
1911				K-S Test Statistic	0.852					Mean		0.694
1912				5% K-S Critical Value	0.114					SD		2.548
1913	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean		0.146
1914										95% KM (t) UCL		0.935
1915	**Assuming Gamma Distribution**									95% KM (z) UCL		0.935
1916				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.934
1917				Minimum	0.00038					95% KM (bootstrap t) UCL		1.029
1918				Maximum	28					95% KM (BCA) UCL		0.942
1919				Mean	2.723					95% KM (Percentile Bootstrap) UCL		0.952
1920				Median	2.852					95% KM (Chebyshev) UCL		1.331
1921				SD	2.361					97.5% KM (Chebyshev) UCL		1.607
1922				k star	1.207					99% KM (Chebyshev) UCL		2.148
1923				Theta star	2.256							
1924				Nu star	753.4		**Potential UCLs to Use**					
1925				AppChi2	690.7					95% KM (t) UCL		0.935
1926				95% Gamma Approximate UCL	2.971							
1927				95% Adjusted Gamma UCL	2.972							
1928	**Note: DL/2 is not a recommended method.**											
1929												
1930												
1931	**n-Butylbenzene**											
1932							**General Statistics**					
1933				Number of Valid Data	222					Number of Detected Data		85
1934				Number of Distinct Detected Data	71					Number of Non-Detect Data		137
1935										Percent Non-Detects		61.71%
1936												
1937				**Raw Statistics**						**Log-transformed Statistics**		
1938				Minimum Detected	0.00036					Minimum Detected		-7.929
1939				Maximum Detected	73.6					Maximum Detected		4.299
1940				Mean of Detected	6.278					Mean of Detected		0.425
1941				SD of Detected	9.977					SD of Detected		2.161
1942				Minimum Non-Detect	0.00009					Minimum Non-Detect		-9.316
1943				Maximum Non-Detect	0.67					Maximum Non-Detect		-0.4
1944												
1945	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		167
1946	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		55
1947	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		75.23%
1948												
1949							**UCL Statistics**					
1950	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
1951				Lilliefors Test Statistic	0.265					Lilliefors Test Statistic		0.121
1952				5% Lilliefors Critical Value	0.0961					5% Lilliefors Critical Value		0.0961
1953	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
1954												
1955	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
1956				DL/2 Substitution Method						DL/2 Substitution Method		
1957				Mean	2.427					Mean		-2.149
1958				SD	6.861					SD		2.696
1959				95% DL/2 (t) UCL	3.188					95% H-Stat (DL/2) UCL		6.07
1960												
1961				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		

1962	MLE yields a negative mean										Mean in Log Scale	-3.098
1963											SD in Log Scale	3.516
1964											Mean in Original Scale	2.416
1965											SD in Original Scale	6.865
1966											95% Percentile Bootstrap UCL	3.248
1967											95% BCA Bootstrap UCL	3.462
1968												
1969	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1970				k star (bias corrected)	0.448		Data Follow Appr. Gamma Distribution at 5% Significance Level					
1971				Theta Star	14.01							
1972				nu star	76.15							
1973												
1974				A-D Test Statistic	1.146		Nonparametric Statistics					
1975				5% A-D Critical Value	0.829		Kaplan-Meier (KM) Method					
1976				K-S Test Statistic	0.829		Mean					2.405
1977				5% K-S Critical Value	0.103		SD					6.853
1978	Data follow Appr. Gamma Distribution at 5% Significance Level						SE of Mean					0.463
1979							95% KM (t) UCL					3.169
1980	Assuming Gamma Distribution						95% KM (z) UCL					3.166
1981				Gamma ROS Statistics using Extrapolated Data			95% KM (jackknife) UCL					3.133
1982				Minimum	0.00036		95% KM (bootstrap t) UCL					3.431
1983				Maximum	73.6		95% KM (BCA) UCL					3.315
1984				Mean	7.307		95% KM (Percentile Bootstrap) UCL					3.244
1985				Median	5.848		95% KM (Chebyshev) UCL					4.421
1986				SD	6.915		97.5% KM (Chebyshev) UCL					5.294
1987				k star	0.932		99% KM (Chebyshev) UCL					7.008
1988				Theta star	7.84							
1989				Nu star	413.8		Potential UCLs to Use					
1990				AppChi2	367.7		95% KM (t) UCL					3.169
1991				95% Gamma Approximate UCL	8.225							
1992				95% Adjusted Gamma UCL	8.231							
1993	Note: DL/2 is not a recommended method.											
1994												
1995												
1996	n-Propylbenzene											
1997	General Statistics											
1998				Number of Valid Data	222		Number of Detected Data					68
1999				Number of Distinct Detected Data	53		Number of Non-Detect Data					154
2000							Percent Non-Detects					69.37%
2001												
2002	Raw Statistics						Log-transformed Statistics					
2003				Minimum Detected	0.007		Minimum Detected					-4.962
2004				Maximum Detected	31.3		Maximum Detected					3.444
2005				Mean of Detected	3.414		Mean of Detected					0.0465
2006				SD of Detected	5.873		SD of Detected					1.758
2007				Minimum Non-Detect	0.00006		Minimum Non-Detect					-9.721
2008				Maximum Non-Detect	6.6		Maximum Non-Detect					1.887
2009												
2010	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect					212
2011	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected					10
2012	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage					95.50%
2013												
2014	UCL Statistics											

	A	B	C	D	E	F	G	H	I	J	K	L
2015	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
2016					Lilliefors Test Statistic	0.285					Lilliefors Test Statistic	0.123
2017					5% Lilliefors Critical Value	0.107					5% Lilliefors Critical Value	0.107
2018	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
2019												
2020	Assuming Normal Distribution						Assuming Lognormal Distribution					
2021					DL/2 Substitution Method						DL/2 Substitution Method	
2022					Mean	1.118					Mean	-2.452
2023					SD	3.589					SD	2.399
2024					95% DL/2 (t) UCL	1.516					95% H-Stat (DL/2) UCL	1.983
2025												
2026					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
2027					Mean	19.15					Mean in Log Scale	-3.509
2028					SD	8.252					SD in Log Scale	3.041
2029					95% MLE (t) UCL	20.07					Mean in Original Scale	1.06
2030					95% MLE (Tiku) UCL	23.34					SD in Original Scale	3.594
2031											95% Percentile Bootstrap UCL	1.462
2032											95% BCA Bootstrap UCL	1.538
2033												
2034	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
2035					k star (bias corrected)	0.519	Data Follow Appr. Gamma Distribution at 5% Significance Level					
2036					Theta Star	6.582						
2037					nu star	70.55						
2038												
2039					A-D Test Statistic	1.076	Nonparametric Statistics					
2040					5% A-D Critical Value	0.813					Kaplan-Meier (KM) Method	
2041					K-S Test Statistic	0.813					Mean	1.058
2042					5% K-S Critical Value	0.114					SD	3.588
2043	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	0.243
2044											95% KM (t) UCL	1.459
2045	Assuming Gamma Distribution										95% KM (z) UCL	1.457
2046					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.421
2047					Minimum	0.007					95% KM (bootstrap t) UCL	1.578
2048					Maximum	31.3					95% KM (BCA) UCL	1.543
2049					Mean	3.163					95% KM (Percentile Bootstrap) UCL	1.515
2050					Median	3.011					95% KM (Chebyshev) UCL	2.116
2051					SD	3.278					97.5% KM (Chebyshev) UCL	2.573
2052					k star	1.445					99% KM (Chebyshev) UCL	3.473
2053					Theta star	2.188						
2054					Nu star	641.7	Potential UCLs to Use					
2055					AppChi2	584					95% KM (t) UCL	1.459
2056					95% Gamma Approximate UCL	3.476						
2057					95% Adjusted Gamma UCL	3.478						
2058	Note: DL/2 is not a recommended method.											
2059												
2060												
2061	Vanadium											
2062						General Statistics						
2063					Number of Valid Data	37					Number of Detected Data	33
2064					Number of Distinct Detected Data	33					Number of Non-Detect Data	4
2065											Percent Non-Detects	10.81%
2066												
2067	Raw Statistics						Log-transformed Statistics					

2068				Minimum Detected	1.22					Minimum Detected	0.199	
2069				Maximum Detected	99.1					Maximum Detected	4.596	
2070				Mean of Detected	18.67					Mean of Detected	2.191	
2071				SD of Detected	22.78					SD of Detected	1.297	
2072				Minimum Non-Detect	13					Minimum Non-Detect	2.565	
2073				Maximum Non-Detect	22					Maximum Non-Detect	3.091	
2074												
2075	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	27	
2076	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	10	
2077	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	72.97%	
2078												
2079					UCL Statistics							
2080				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
2081				Shapiro Wilk Test Statistic	0.754					Shapiro Wilk Test Statistic	0.925	
2082				5% Shapiro Wilk Critical Value	0.931					5% Shapiro Wilk Critical Value	0.931	
2083				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
2084												
2085				Assuming Normal Distribution						Assuming Lognormal Distribution		
2086				DL/2 Substitution Method						DL/2 Substitution Method		
2087				Mean	17.5					Mean	2.175	
2088				SD	21.75					SD	1.226	
2089				95% DL/2 (t) UCL	23.54					95% H-Stat (DL/2) UCL	29.35	
2090												
2091				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
2092				MLE yields a negative mean						Mean in Log Scale	2.106	
2093										SD in Log Scale	1.252	
2094										Mean in Original Scale	17.11	
2095										SD in Original Scale	21.95	
2096										95% Percentile Bootstrap UCL	23.03	
2097										95% BCA Bootstrap UCL	24.73	
2098												
2099				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
2100				k star (bias corrected)	0.753					Data do not follow a Discernable Distribution (0.05)		
2101				Theta Star	24.79							
2102				nu star	49.7							
2103												
2104				A-D Test Statistic	0.985					Nonparametric Statistics		
2105				5% A-D Critical Value	0.785					Kaplan-Meier (KM) Method		
2106				K-S Test Statistic	0.785					Mean	17.16	
2107				5% K-S Critical Value	0.159					SD	21.67	
2108				Data not Gamma Distributed at 5% Significance Level						SE of Mean	3.626	
2109										95% KM (t) UCL	23.28	
2110				Assuming Gamma Distribution						95% KM (z) UCL	23.12	
2111				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	23.27	
2112				Minimum	1E-09					95% KM (bootstrap t) UCL	25.34	
2113				Maximum	99.1					95% KM (BCA) UCL	23.36	
2114				Mean	17.43					95% KM (Percentile Bootstrap) UCL	23.5	
2115				Median	10.86					95% KM (Chebyshev) UCL	32.96	
2116				SD	21.84					97.5% KM (Chebyshev) UCL	39.8	
2117				k star	0.473					99% KM (Chebyshev) UCL	53.23	
2118				Theta star	36.88							
2119				Nu star	34.97					Potential UCLs to Use		
2120				AppChi2	22.44					97.5% KM (Chebyshev) UCL	39.8	

	A	B	C	D	E	F	G	H	I	J	K	L
2121				95% Gamma Approximate UCL		27.16						
2122				95% Adjusted Gamma UCL		27.7						
2123	Note: DL/2 is not a recommended method.											
2124												
2125												
2126												
2127												
2128												
2129												
2130												
2131												
2132												
2133												
2134												
2135												
2136												
2137												
2138												
2139												
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2156												
2157												
2158												
2159												
2160												
2161												
2162												
2163												
2164												
2165												
2166												
2167												
2168												
2169												
2170												
2171												
2172												
2173												

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		From File		C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Excavation_Files\ProUCL_In								
4		Full Precision		OFF								
5		Confidence Coefficient		95%								
6		Number of Bootstrap Operations		2000								
7												
8												
9	1,2,4-Trimethylbenzene											
10					General Statistics							
11				Number of Valid Data	167			Number of Detected Data	24			
12				Number of Distinct Detected Data	19			Number of Non-Detect Data	143			
13								Percent Non-Detects	85.63%			
14												
15				Raw Statistics				Log-transformed Statistics				
16				Minimum Detected	0.00016			Minimum Detected	-8.74			
17				Maximum Detected	15.4			Maximum Detected	2.734			
18				Mean of Detected	1.095			Mean of Detected	-1.549			
19				SD of Detected	3.13			SD of Detected	2.062			
20				Minimum Non-Detect	0.00011			Minimum Non-Detect	-9.115			
21				Maximum Non-Detect	0.07			Maximum Non-Detect	-2.659			
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended							Number treated as Non-Detect	147			
24	For all methods (except KM, DL/2, and ROS Methods),							Number treated as Detected	20			
25	Observations < Largest ND are treated as NDs							Single DL Non-Detect Percentage	88.02%			
26												
27					UCL Statistics							
28				Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only				
29				Shapiro Wilk Test Statistic	0.353			Shapiro Wilk Test Statistic	0.841			
30				5% Shapiro Wilk Critical Value	0.916			5% Shapiro Wilk Critical Value	0.916			
31				Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level				
32												
33				Assuming Normal Distribution				Assuming Lognormal Distribution				
34				DL/2 Substitution Method				DL/2 Substitution Method				
35				Mean	0.18			Mean	-3.844			
36				SD	1.224			SD	2.188			
37				95% DL/2 (t) UCL	0.336			95% H-Stat (DL/2) UCL	0.348			
38												
39				Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method				
40				MLE yields a negative mean				Mean in Log Scale	-8.458			
41								SD in Log Scale	4.275			
42								Mean in Original Scale	0.159			
43								SD in Original Scale	1.227			
44								95% Percentile Bootstrap UCL	0.34			
45								95% BCA Bootstrap UCL	0.465			
46												
47				Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only				
48				k star (bias corrected)	0.379			Data do not follow a Discernable Distribution (0.05)				
49				Theta Star	2.891							
50				nu star	18.18							
51												
52				A-D Test Statistic	1.886			Nonparametric Statistics				
53				5% A-D Critical Value	0.829			Kaplan-Meier (KM) Method				

54				K-S Test Statistic	0.829					Mean	0.158
55				5% K-S Critical Value	0.191					SD	1.224
56	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.0967
57										95% KM (t) UCL	0.318
58	**Assuming Gamma Distribution**									95% KM (z) UCL	0.317
59	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	0.286
60				Minimum	1E-09					95% KM (bootstrap t) UCL	0.986
61				Maximum	15.4					95% KM (BCA) UCL	0.406
62				Mean	0.963					95% KM (Percentile Bootstrap) UCL	0.358
63				Median	1.03					95% KM (Chebyshev) UCL	0.579
64				SD	1.276					97.5% KM (Chebyshev) UCL	0.762
65				k star	0.25					99% KM (Chebyshev) UCL	1.12
66				Theta star	3.848						
67				Nu star	83.61					**Potential UCLs to Use**	
68				AppChi2	63.53					97.5% KM (Chebyshev) UCL	0.762
69				95% Gamma Approximate UCL	1.268						
70				95% Adjusted Gamma UCL	1.271						
71	**Note: DL/2 is not a recommended method.**										
72											
73											
74	**1-Methyl Naphthalene**										
75					**General Statistics**						
76				Number of Valid Data	145					Number of Detected Data	19
77				Number of Distinct Detected Data	19					Number of Non-Detect Data	126
78										Percent Non-Detects	86.90%
79											
80				**Raw Statistics**						**Log-transformed Statistics**	
81				Minimum Detected	0.42					Minimum Detected	-0.868
82				Maximum Detected	26.9					Maximum Detected	3.292
83				Mean of Detected	4.172					Mean of Detected	0.705
84				SD of Detected	6.319					SD of Detected	1.182
85				Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
86				Maximum Non-Detect	1.72					Maximum Non-Detect	0.542
87											
88	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	135
89	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	10
90	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	93.10%
91											
92					**UCL Statistics**						
93	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**	
94				Shapiro Wilk Test Statistic	0.612					Shapiro Wilk Test Statistic	0.944
95				5% Shapiro Wilk Critical Value	0.901					5% Shapiro Wilk Critical Value	0.901
96	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**	
97											
98	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**	
99				DL/2 Substitution Method						DL/2 Substitution Method	
100				Mean	0.704					Mean	-1.414
101				SD	2.612					SD	0.939
102				95% DL/2 (t) UCL	1.063					95% H-Stat (DL/2) UCL	0.367
103											
104				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
105	**MLE yields a negative mean**									Mean in Log Scale	-4.093
106										SD in Log Scale	2.718

107											Mean in Original Scale	0.579
108											SD in Original Scale	2.637
109											95% Percentile Bootstrap UCL	0.961
110											95% BCA Bootstrap UCL	1.161
111												
112			Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only	
113					k star (bias corrected)	0.724					Data appear Lognormal at 5% Significance Level	
114					Theta Star	5.759						
115					nu star	27.52						
116												
117					A-D Test Statistic	0.848					Nonparametric Statistics	
118					5% A-D Critical Value	0.776					Kaplan-Meier (KM) Method	
119					K-S Test Statistic	0.776					Mean	0.912
120					5% K-S Critical Value	0.206					SD	2.561
121			Data not Gamma Distributed at 5% Significance Level								SE of Mean	0.219
122											95% KM (t) UCL	1.274
123			Assuming Gamma Distribution								95% KM (z) UCL	1.271
124					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.209
125					Minimum	0.42					95% KM (bootstrap t) UCL	1.665
126					Maximum	26.9					95% KM (BCA) UCL	1.513
127					Mean	4.174					95% KM (Percentile Bootstrap) UCL	1.327
128					Median	4.172					95% KM (Chebyshev) UCL	1.864
129					SD	2.234					97.5% KM (Chebyshev) UCL	2.277
130					k star	5.331					99% KM (Chebyshev) UCL	3.086
131					Theta star	0.783						
132					Nu star	1546					Potential UCLs to Use	
133					AppChi2	1456					95% KM (BCA) UCL	1.513
134					95% Gamma Approximate UCL	4.433						
135					95% Adjusted Gamma UCL	4.435						
136	Note: DL/2 is not a recommended method.											
137												
138												
139	Aluminum											
140						General Statistics						
141					Number of Valid Observations	35					Number of Distinct Observations	35
142												
143					Raw Statistics						Log-transformed Statistics	
144					Minimum	462					Minimum of Log Data	6.136
145					Maximum	30200					Maximum of Log Data	10.32
146					Mean	4064					Mean of log Data	7.893
147					Median	2610					SD of log Data	0.798
148					SD	5988						
149					Coefficient of Variation	1.473						
150					Skewness	3.797						
151												
152						Relevant UCL Statistics						
153					Normal Distribution Test						Lognormal Distribution Test	
154					Shapiro Wilk Test Statistic	0.447					Shapiro Wilk Test Statistic	0.886
155					Shapiro Wilk Critical Value	0.934					Shapiro Wilk Critical Value	0.934
156					Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level	
157												
158					Assuming Normal Distribution						Assuming Lognormal Distribution	
159					95% Student's-t UCL	5775					95% H-UCL	4993

160	95% UCLs (Adjusted for Skewness)									95% Chebyshev (MVUE) UCL		6011
161				95% Adjusted-CLT UCL	6423					97.5% Chebyshev (MVUE) UCL		7037
162				95% Modified-t UCL	5883					99% Chebyshev (MVUE) UCL		9053
163												
164	Gamma Distribution Test									Data Distribution		
165				k star (bias corrected)	1.246					Data do not follow a Discernable Distribution (0.05)		
166				Theta Star	3263							
167				MLE of Mean	4064							
168				MLE of Standard Deviation	3641							
169				nu star	87.19							
170				Approximate Chi Square Value (.05)	66.66					Nonparametric Statistics		
171				Adjusted Level of Significance	0.0425					95% CLT UCL		5729
172				Adjusted Chi Square Value	65.81					95% Jackknife UCL		5775
173										95% Standard Bootstrap UCL		5724
174				Anderson-Darling Test Statistic	3.057					95% Bootstrap-t UCL		11019
175				Anderson-Darling 5% Critical Value	0.769					95% Hall's Bootstrap UCL		14875
176				Kolmogorov-Smirnov Test Statistic	0.247					95% Percentile Bootstrap UCL		5773
177				Kolmogorov-Smirnov 5% Critical Value	0.152					95% BCA Bootstrap UCL		6654
178	Data not Gamma Distributed at 5% Significance Level									95% Chebyshev(Mean, Sd) UCL		8475
179										97.5% Chebyshev(Mean, Sd) UCL		10384
180	Assuming Gamma Distribution									99% Chebyshev(Mean, Sd) UCL		14134
181				95% Approximate Gamma UCL	5315							
182				95% Adjusted Gamma UCL	5384							
183												
184	Potential UCL to Use									Use 95% Chebyshev (Mean, Sd) UCL		8475
185												
186												
187	Antimony											
188	General Statistics											
189				Number of Valid Data	39					Number of Detected Data		25
190				Number of Distinct Detected Data	22					Number of Non-Detect Data		14
191										Percent Non-Detects		35.90%
192												
193	Raw Statistics									Log-transformed Statistics		
194				Minimum Detected	0.023					Minimum Detected		-3.772
195				Maximum Detected	22					Maximum Detected		3.091
196				Mean of Detected	1.216					Mean of Detected		-2.258
197				SD of Detected	4.407					SD of Detected		1.754
198				Minimum Non-Detect	1.1					Minimum Non-Detect		0.0953
199				Maximum Non-Detect	40					Maximum Non-Detect		3.689
200												
201	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		39
202	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
203	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
204												
205	UCL Statistics											
206	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
207				Shapiro Wilk Test Statistic	0.297					Shapiro Wilk Test Statistic		0.731
208				5% Shapiro Wilk Critical Value	0.918					5% Shapiro Wilk Critical Value		0.918
209	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level		
210												
211	Assuming Normal Distribution									Assuming Lognormal Distribution		
212				DL/2 Substitution Method						DL/2 Substitution Method		

213				Mean	2.876					Mean	-1.127	
214				SD	5.659					SD	2.25	
215				95% DL/2 (t) UCL	4.404					95% H-Stat (DL/2) UCL	21.03	
216												
217				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
218				**MLE method failed to converge properly**						Mean in Log Scale	-2.35	
219										SD in Log Scale	1.438	
220										Mean in Original Scale	0.813	
221										SD in Original Scale	3.545	
222										95% Percentile Bootstrap UCL	1.869	
223										95% BCA Bootstrap UCL	3.148	
224												
225				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
226				k star (bias corrected)	0.276					**Data do not follow a Discernable Distribution (0.05)**		
227				Theta Star	4.403							
228				nu star	13.81							
229												
230				A-D Test Statistic	4.834					**Nonparametric Statistics**		
231				5% A-D Critical Value	0.859					Kaplan-Meier (KM) Method		
232				K-S Test Statistic	0.859					Mean	0.895	
233				5% K-S Critical Value	0.19					SD	3.641	
234				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.621	
235										95% KM (t) UCL	1.942	
236				**Assuming Gamma Distribution**						95% KM (z) UCL	1.916	
237				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.937	
238				Minimum	1E-09					95% KM (bootstrap t) UCL	7.062	
239				Maximum	22					95% KM (BCA) UCL	2.095	
240				Mean	1.011					95% KM (Percentile Bootstrap) UCL	2.011	
241				Median	0.056					95% KM (Chebyshev) UCL	3.602	
242				SD	3.548					97.5% KM (Chebyshev) UCL	4.773	
243				k star	0.182					99% KM (Chebyshev) UCL	7.074	
244				Theta star	5.57							
245				Nu star	14.16					**Potential UCLs to Use**		
246				AppChi2	6.683					99% KM (Chebyshev) UCL	7.074	
247				95% Gamma Approximate UCL	2.144							
248				95% Adjusted Gamma UCL	2.211							
249	**Note: DL/2 is not a recommended method.**											
250												
251												
252	**Aroclor-1254**											
253							**General Statistics**					
254				Number of Valid Data	363					Number of Detected Data	26	
255				Number of Distinct Detected Data	26					Number of Non-Detect Data	337	
256										Percent Non-Detects	92.84%	
257												
258				**Raw Statistics**						**Log-transformed Statistics**		
259				Minimum Detected	0.0032					Minimum Detected	-5.745	
260				Maximum Detected	9.2					Maximum Detected	2.219	
261				Mean of Detected	1.384					Mean of Detected	-1.761	
262				SD of Detected	2.3					SD of Detected	2.646	
263				Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377	
264				Maximum Non-Detect	12					Maximum Non-Detect	2.485	
265												

266	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	363
267	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
268	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
269												
270	**UCL Statistics**											
271	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
272	Shapiro Wilk Test Statistic				0.661		Shapiro Wilk Test Statistic					0.918
273	5% Shapiro Wilk Critical Value				0.92		5% Shapiro Wilk Critical Value					0.92
274	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
275												
276	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
277	DL/2 Substitution Method						DL/2 Substitution Method					
278	Mean				0.928		Mean					-0.986
279	SD				0.827		SD					2.039
280	95% DL/2 (t) UCL				0.999		95% H-Stat (DL/2) UCL					3.98
281												
282	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
283	**MLE method failed to converge properly**						Mean in Log Scale					-6.347
284							SD in Log Scale					2.374
285							Mean in Original Scale					0.105
286							SD in Original Scale					0.701
287							95% Percentile Bootstrap UCL					0.174
288							95% BCA Bootstrap UCL					0.197
289												
290	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
291	k star (bias corrected)				0.314		**Data appear Gamma Distributed at 5% Significance Level**					
292	Theta Star				4.406							
293	nu star				16.33							
294												
295	A-D Test Statistic				0.643		**Nonparametric Statistics**					
296	5% A-D Critical Value				0.846		Kaplan-Meier (KM) Method					
297	K-S Test Statistic				0.846		Mean					0.141
298	5% K-S Critical Value				0.185		SD					0.72
299	**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean					0.042
300							95% KM (t) UCL					0.21
301	**Assuming Gamma Distribution**						95% KM (z) UCL					0.21
302	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.209
303	Minimum				0.0032		95% KM (bootstrap t) UCL					0.241
304	Maximum				9.2		95% KM (BCA) UCL					0.218
305	Mean				1.438		95% KM (Percentile Bootstrap) UCL					0.215
306	Median				1.332		95% KM (Chebyshev) UCL					0.324
307	SD				0.651		97.5% KM (Chebyshev) UCL					0.403
308	k star				3.223		99% KM (Chebyshev) UCL					0.559
309	Theta star				0.446							
310	Nu star				2340		**Potential UCLs to Use**					
311	AppChi2				2228		95% KM (t) UCL					0.21
312	95% Gamma Approximate UCL				1.51							
313	95% Adjusted Gamma UCL				1.51							
314	**Note: DL/2 is not a recommended method.**											
315												
316												
317	**Aroclor 1260 0-5 ft (1/2 DL)**											
318	**General Statistics**											

Number of Valid Observations	363	Number of Distinct Observations 133
Raw Statistics		**Log-transformed Statistics**
Minimum	0.00105	Minimum of Log Data -6.864
Maximum	160	Maximum of Log Data 5.075
Mean	1.966	Mean of log Data -1.046
Median	1.115	SD of log Data 2.136
SD	11.95	
Coefficient of Variation	6.076	
Skewness	11.18	
Relevant UCL Statistics		
Normal Distribution Test		**Lognormal Distribution Test**
Lilliefors Test Statistic	0.502	Lilliefors Test Statistic 0.396
Lilliefors Critical Value	0.0465	Lilliefors Critical Value 0.0465
Data not Normal at 5% Significance Level		**Data not Lognormal at 5% Significance Level**
Assuming Normal Distribution		**Assuming Lognormal Distribution**
95% Student's-t UCL	3	95% H-UCL 4.951
95% UCLs (Adjusted for Skewness)		95% Chebyshev (MVUE) UCL 6.25
95% Adjusted-CLT UCL (Chen-1995)	3.391	97.5% Chebyshev (MVUE) UCL 7.498
95% Modified-t UCL (Johnson-1978)	3.061	99% Chebyshev (MVUE) UCL 9.948
Gamma Distribution Test		**Data Distribution**
k star (bias corrected)	0.383	**Data do not follow a Discernable Distribution (0.05)**
Theta Star	5.132	
MLE of Mean	1.966	
MLE of Standard Deviation	3.176	
nu star	278.2	
Approximate Chi Square Value (.05)	240.5	**Nonparametric Statistics**
Adjusted Level of Significance	0.0493	95% CLT UCL 2.998
Adjusted Chi Square Value	240.4	95% Jackknife UCL 3
		95% Standard Bootstrap UCL 3.007
Anderson-Darling Test Statistic	48.14	95% Bootstrap-t UCL 5.991
Anderson-Darling 5% Critical Value	0.851	95% Hall's Bootstrap UCL 8.383
Kolmogorov-Smirnov Test Statistic	0.346	95% Percentile Bootstrap UCL 3.049
Kolmogorov-Smirnov 5% Critical Value	0.0513	95% BCA Bootstrap UCL 3.551
Data not Gamma Distributed at 5% Significance Level		95% Chebyshev(Mean, Sd) UCL 4.699
		97.5% Chebyshev(Mean, Sd) UCL 5.882
Assuming Gamma Distribution		99% Chebyshev(Mean, Sd) UCL 8.205
95% Approximate Gamma UCL	2.274	
95% Adjusted Gamma UCL	2.275	
Potential UCL to Use		Use 95% Chebyshev (Mean, Sd) UCL 4.699

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Aroclor 1260 0-5 ft (full DL)

General Statistics

Number of Valid Observations	363	Number of Distinct Observations 133

Raw Statistics		
Minimum	0.00209	
Maximum	160	
Mean	2.789	
Median	2.23	
SD	11.9	
Coefficient of Variation	4.268	
Skewness	11.1	

Log-transformed Statistics	
Minimum of Log Data	-6.171
Maximum of Log Data	5.075
Mean of log Data	-0.361
SD of log Data	2.117

Relevant UCL Statistics

Normal Distribution Test	
Lilliefors Test Statistic	0.479
Lilliefors Critical Value	0.0465
Data not Normal at 5% Significance Level	

Lognormal Distribution Test	
Lilliefors Test Statistic	0.399
Lilliefors Critical Value	0.0465
Data not Lognormal at 5% Significance Level	

Assuming Normal Distribution	
95% Student's-t UCL	3.819
95% UCLs (Adjusted for Skewness)	
95% Adjusted-CLT UCL (Chen-1995)	4.205
95% Modified-t UCL (Johnson-1978)	3.88

Assuming Lognormal Distribution	
95% H-UCL	9.396
95% Chebyshev (MVUE) UCL	11.86
97.5% Chebyshev (MVUE) UCL	14.2
99% Chebyshev (MVUE) UCL	18.82

Gamma Distribution Test	
k star (bias corrected)	0.462
Theta Star	6.043
MLE of Mean	2.789
MLE of Standard Deviation	4.105
nu star	335.1
Approximate Chi Square Value (.05)	293.7
Adjusted Level of Significance	0.0493
Adjusted Chi Square Value	293.5
Anderson-Darling Test Statistic	45.76
Anderson-Darling 5% Critical Value	0.831
Kolmogorov-Smirnov Test Statistic	0.321
Kolmogorov-Smirnov 5% Critical Value	0.0507
Data not Gamma Distributed at 5% Significance Level	
Assuming Gamma Distribution	
95% Approximate Gamma UCL	3.182
95% Adjusted Gamma UCL	3.184

Data Distribution	
Data do not follow a Discernable Distribution (0.05)	

Nonparametric Statistics	
95% CLT UCL	3.817
95% Jackknife UCL	3.819
95% Standard Bootstrap UCL	3.822
95% Bootstrap-t UCL	4.613
95% Hall's Bootstrap UCL	8.364
95% Percentile Bootstrap UCL	3.903
95% BCA Bootstrap UCL	4.435
95% Chebyshev(Mean, Sd) UCL	5.512
97.5% Chebyshev(Mean, Sd) UCL	6.69
99% Chebyshev(Mean, Sd) UCL	9.005

Potential UCL to Use	
Use 95% Chebyshev (Mean, Sd) UCL	5.512

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

Aroclor-1268

General Statistics

Number of Valid Data	354	Number of Detected Data	111
Number of Distinct Detected Data	96	Number of Non-Detect Data	243

425											Percent Non-Detects	68.64%
426												
427				Raw Statistics						Log-transformed Statistics		
428					Minimum Detected	0.0036					Minimum Detected	-5.627
429					Maximum Detected	240					Maximum Detected	5.481
430					Mean of Detected	6.699					Mean of Detected	-0.0118
431					SD of Detected	23.98					SD of Detected	2.227
432					Minimum Non-Detect	0.00209					Minimum Non-Detect	-6.171
433					Maximum Non-Detect	3.36					Maximum Non-Detect	1.212
434												
435	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	324
436	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	30
437	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	91.53%
438												
439						UCL Statistics						
440				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
441					Lilliefors Test Statistic	0.39					Lilliefors Test Statistic	0.128
442					5% Lilliefors Critical Value	0.0841					5% Lilliefors Critical Value	0.0841
443				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
444												
445				Assuming Normal Distribution						Assuming Lognormal Distribution		
446					DL/2 Substitution Method						DL/2 Substitution Method	
447					Mean	2.803					Mean	-0.25
448					SD	13.65					SD	1.699
449					95% DL/2 (t) UCL	4					95% H-Stat (DL/2) UCL	3.669
450												
451					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
452				MLE yields a negative mean							Mean in Log Scale	-1.985
453											SD in Log Scale	2.183
454											Mean in Original Scale	2.193
455											SD in Original Scale	13.73
456											95% Percentile Bootstrap UCL	3.499
457											95% BCA Bootstrap UCL	4.526
458												
459				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
460					k star (bias corrected)	0.348				Data do not follow a Discernable Distribution (0.05)		
461					Theta Star	19.27						
462					nu star	77.19						
463												
464					A-D Test Statistic	2.702				Nonparametric Statistics		
465					5% A-D Critical Value	0.855					Kaplan-Meier (KM) Method	
466					K-S Test Statistic	0.855					Mean	2.292
467					5% K-S Critical Value	0.0934					SD	13.7
468				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.733
469											95% KM (t) UCL	3.5
470				Assuming Gamma Distribution							95% KM (z) UCL	3.497
471					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.496
472					Minimum	0.0036					95% KM (bootstrap t) UCL	5.71
473					Maximum	240					95% KM (BCA) UCL	3.843
474					Mean	6.745					95% KM (Percentile Bootstrap) UCL	3.711
475					Median	6.76					95% KM (Chebyshev) UCL	5.485
476					SD	13.39					97.5% KM (Chebyshev) UCL	6.867
477					k star	0.959					99% KM (Chebyshev) UCL	9.581

478					Theta star	7.036						
479					Nu star	678.7			Potential UCLs to Use			
480					AppChi2	619.3					97.5% KM (Chebyshev) UCL	6.867
481				95% Gamma Approximate UCL		7.393						
482				95% Adjusted Gamma UCL		7.395						
483	Note: DL/2 is not a recommended method.											
484												
485												
486	Arsenic											
487						General Statistics						
488					Number of Valid Data	38					Number of Detected Data	18
489				Number of Distinct Detected Data		18					Number of Non-Detect Data	20
490											Percent Non-Detects	52.63%
491												
492				Raw Statistics					Log-transformed Statistics			
493					Minimum Detected	0.26					Minimum Detected	-1.347
494					Maximum Detected	15.7					Maximum Detected	2.754
495					Mean of Detected	2.883					Mean of Detected	0.0106
496					SD of Detected	4.822					SD of Detected	1.372
497					Minimum Non-Detect	0.18					Minimum Non-Detect	-1.715
498					Maximum Non-Detect	6					Maximum Non-Detect	1.792
499												
500	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	35
501	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
502	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	92.11%
503												
504						UCL Statistics						
505				Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only			
506					Shapiro Wilk Test Statistic	0.595					Shapiro Wilk Test Statistic	0.825
507					5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
508				Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level			
509												
510				Assuming Normal Distribution					Assuming Lognormal Distribution			
511					DL/2 Substitution Method						DL/2 Substitution Method	
512					Mean	1.785					Mean	-0.35
513					SD	3.468					SD	1.276
514					95% DL/2 (t) UCL	2.734					95% H-Stat (DL/2) UCL	2.203
515												
516					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
517				MLE yields a negative mean							Mean in Log Scale	-0.972
518											SD in Log Scale	1.468
519											Mean in Original Scale	1.479
520											SD in Original Scale	3.538
521											95% Percentile Bootstrap UCL	2.448
522											95% BCA Bootstrap UCL	2.807
523												
524				Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only			
525					k star (bias corrected)	0.529			Data do not follow a Discernable Distribution (0.05)			
526					Theta Star	5.445						
527					nu star	19.06						
528												
529					A-D Test Statistic	1.984			Nonparametric Statistics			
530					5% A-D Critical Value	0.792			Kaplan-Meier (KM) Method			

531				K-S Test Statistic	0.792					Mean	1.561	
532				5% K-S Critical Value	0.214					SD	3.465	
533				Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.579	
534										95% KM (t) UCL	2.539	
535				Assuming Gamma Distribution						95% KM (z) UCL	2.514	
536				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.519	
537				Minimum	1E-09					95% KM (bootstrap t) UCL	3.303	
538				Maximum	15.7					95% KM (BCA) UCL	2.669	
539				Mean	2.219					95% KM (Percentile Bootstrap) UCL	2.584	
540				Median	0.645					95% KM (Chebyshev) UCL	4.087	
541				SD	3.581					97.5% KM (Chebyshev) UCL	5.18	
542				k star	0.149					99% KM (Chebyshev) UCL	7.326	
543				Theta star	14.87							
544				Nu star	11.34					Potential UCLs to Use		
545				AppChi2	4.796					95% KM (BCA) UCL	2.669	
546				95% Gamma Approximate UCL	5.248							
547				95% Adjusted Gamma UCL	5.448							
548	Note: DL/2 is not a recommended method.											
549												
550												
551	Benzo(a)anthracene											
552					General Statistics							
553				Number of Valid Data	207					Number of Detected Data	44	
554				Number of Distinct Detected Data	42					Number of Non-Detect Data	163	
555										Percent Non-Detects	78.74%	
556												
557				Raw Statistics						Log-transformed Statistics		
558				Minimum Detected	0.00068					Minimum Detected	-7.293	
559				Maximum Detected	20					Maximum Detected	2.996	
560				Mean of Detected	1.537					Mean of Detected	-1.769	
561				SD of Detected	3.378					SD of Detected	2.856	
562				Minimum Non-Detect	0.00048					Minimum Non-Detect	-7.642	
563				Maximum Non-Detect	6.84					Maximum Non-Detect	1.923	
564												
565	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	205	
566	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	2	
567	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	99.03%	
568												
569					UCL Statistics							
570				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
571				Shapiro Wilk Test Statistic	0.495					Shapiro Wilk Test Statistic	0.922	
572				5% Shapiro Wilk Critical Value	0.944					5% Shapiro Wilk Critical Value	0.944	
573				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
574												
575				Assuming Normal Distribution						Assuming Lognormal Distribution		
576				DL/2 Substitution Method						DL/2 Substitution Method		
577				Mean	0.519					Mean	-1.735	
578				SD	1.674					SD	1.514	
579				95% DL/2 (t) UCL	0.712					95% H-Stat (DL/2) UCL	0.651	
580												
581				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
582				MLE method failed to converge properly						Mean in Log Scale	-4.051	
583										SD in Log Scale	2.442	

584											Mean in Original Scale	0.354
585											SD in Original Scale	1.662
586											95% Percentile Bootstrap UCL	0.551
587											95% BCA Bootstrap UCL	0.641
588												
589				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
590						k star (bias corrected)	0.306				Data appear Gamma Distributed at 5% Significance Level	
591						Theta Star	5.028					
592						nu star	26.89					
593												
594						A-D Test Statistic	0.388				Nonparametric Statistics	
595						5% A-D Critical Value	0.858				Kaplan-Meier (KM) Method	
596						K-S Test Statistic	0.858				Mean	0.375
597						5% K-S Critical Value	0.145				SD	1.658
598				Data appear Gamma Distributed at 5% Significance Level							SE of Mean	0.117
599											95% KM (t) UCL	0.569
600				Assuming Gamma Distribution							95% KM (z) UCL	0.568
601						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.567
602						Minimum	0.00068				95% KM (bootstrap t) UCL	0.776
603						Maximum	20				95% KM (BCA) UCL	0.582
604						Mean	1.511				95% KM (Percentile Bootstrap) UCL	0.572
605						Median	1.592				95% KM (Chebyshev) UCL	0.887
606						SD	1.576				97.5% KM (Chebyshev) UCL	1.108
607						k star	1.13				99% KM (Chebyshev) UCL	1.543
608						Theta star	1.337					
609						Nu star	467.8				Potential UCLs to Use	
610						AppChi2	418.6				95% KM (t) UCL	0.569
611						95% Gamma Approximate UCL	1.689					
612						95% Adjusted Gamma UCL	1.69					
613	Note: DL/2 is not a recommended method.											
614												
615												
616	Benzo(a)pyrene											
617							General Statistics					
618						Number of Valid Data	207				Number of Detected Data	37
619						Number of Distinct Detected Data	37				Number of Non-Detect Data	170
620											Percent Non-Detects	82.13%
621												
622				Raw Statistics							Log-transformed Statistics	
623						Minimum Detected	0.00052				Minimum Detected	-7.562
624						Maximum Detected	16				Maximum Detected	2.773
625						Mean of Detected	1.275				Mean of Detected	-2.19
626						SD of Detected	3.004				SD of Detected	2.937
627						Minimum Non-Detect	0.00014				Minimum Non-Detect	-8.874
628						Maximum Non-Detect	6.84				Maximum Non-Detect	1.923
629												
630	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	205
631	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	2
632	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.03%
633												
634							UCL Statistics					
635				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
636						Shapiro Wilk Test Statistic	0.473				Shapiro Wilk Test Statistic	0.932

637				5% Shapiro Wilk Critical Value	0.936					5% Shapiro Wilk Critical Value	0.936
638	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
639												
640	Assuming Normal Distribution						Assuming Lognormal Distribution					
641				DL/2 Substitution Method						DL/2 Substitution Method		
642				Mean	0.429					Mean	-1.815	
643				SD	1.369					SD	1.519	
644				95% DL/2 (t) UCL	0.586					95% H-Stat (DL/2) UCL	0.624	
645												
646				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
647	MLE method failed to converge properly									Mean in Log Scale	-4.385	
648										SD in Log Scale	2.368	
649										Mean in Original Scale	0.253	
650										SD in Original Scale	1.345	
651										95% Percentile Bootstrap UCL	0.418	
652										95% BCA Bootstrap UCL	0.543	
653												
654	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
655				k star (bias corrected)	0.281		Data appear Gamma Distributed at 5% Significance Level					
656				Theta Star	4.544							
657				nu star	20.76							
658												
659				A-D Test Statistic	0.555		Nonparametric Statistics					
660				5% A-D Critical Value	0.863					Kaplan-Meier (KM) Method		
661				K-S Test Statistic	0.863					Mean	0.277	
662				5% K-S Critical Value	0.158					SD	1.34	
663	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	0.0959	
664										95% KM (t) UCL	0.436	
665	Assuming Gamma Distribution									95% KM (z) UCL	0.435	
666				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.434	
667				Minimum	0.00052					95% KM (bootstrap t) UCL	0.638	
668				Maximum	16					95% KM (BCA) UCL	0.469	
669				Mean	1.269					95% KM (Percentile Bootstrap) UCL	0.438	
670				Median	1.103					95% KM (Chebyshev) UCL	0.695	
671				SD	1.287					97.5% KM (Chebyshev) UCL	0.876	
672				k star	1.222					99% KM (Chebyshev) UCL	1.231	
673				Theta star	1.039							
674				Nu star	505.9		Potential UCLs to Use					
675				AppChi2	454.8					95% KM (t) UCL	0.436	
676				95% Gamma Approximate UCL	1.412							
677				95% Adjusted Gamma UCL	1.413							
678	Note: DL/2 is not a recommended method.											
679												
680												
681	Benzo(b)fluoranthene											
682					General Statistics							
683				Number of Valid Data	207					Number of Detected Data	35	
684				Number of Distinct Detected Data	35					Number of Non-Detect Data	172	
685										Percent Non-Detects	83.09%	
686												
687	Raw Statistics						Log-transformed Statistics					
688				Minimum Detected	0.00064					Minimum Detected	-7.354	
689				Maximum Detected	13					Maximum Detected	2.565	

	A	B	C	D	E	F	G	H	I	J	K	L
690					Mean of Detected	1.145					Mean of Detected	-2.195
691					SD of Detected	2.486					SD of Detected	2.859
692					Minimum Non-Detect	0.00025					Minimum Non-Detect	-8.294
693					Maximum Non-Detect	6.84					Maximum Non-Detect	1.923
694												
695	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	206
696	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
697	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.52%
698												
699	**UCL Statistics**											
700	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
701					Shapiro Wilk Test Statistic	0.514					Shapiro Wilk Test Statistic	0.938
702					5% Shapiro Wilk Critical Value	0.934					5% Shapiro Wilk Critical Value	0.934
703	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
704												
705	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
706					DL/2 Substitution Method						DL/2 Substitution Method	
707					Mean	0.384					Mean	-1.816
708					SD	1.116					SD	1.425
709					95% DL/2 (t) UCL	0.512					95% H-Stat (DL/2) UCL	0.525
710												
711					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
712	**MLE method failed to converge properly**										Mean in Log Scale	-4.374
713											SD in Log Scale	2.296
714											Mean in Original Scale	0.219
715											SD in Original Scale	1.094
716											95% Percentile Bootstrap UCL	0.363
717											95% BCA Bootstrap UCL	0.43
718												
719	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
720					k star (bias corrected)	0.29	**Data appear Gamma Distributed at 5% Significance Level**					
721					Theta Star	3.948						
722					nu star	20.31						
723												
724					A-D Test Statistic	0.446	**Nonparametric Statistics**					
725					5% A-D Critical Value	0.858					Kaplan-Meier (KM) Method	
726					K-S Test Statistic	0.858					Mean	0.233
727					5% K-S Critical Value	0.161					SD	1.092
728	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.0779
729											95% KM (t) UCL	0.362
730	**Assuming Gamma Distribution**										95% KM (z) UCL	0.361
731					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.36
732					Minimum	0.00064					95% KM (bootstrap t) UCL	0.49
733					Maximum	13					95% KM (BCA) UCL	0.36
734					Mean	1.112					95% KM (Percentile Bootstrap) UCL	0.377
735					Median	0.683					95% KM (Chebyshev) UCL	0.572
736					SD	1.335					97.5% KM (Chebyshev) UCL	0.719
737					k star	0.865					99% KM (Chebyshev) UCL	1.008
738					Theta star	1.286						
739					Nu star	358	**Potential UCLs to Use**					
740					AppChi2	315.2					95% KM (t) UCL	0.362
741					95% Gamma Approximate UCL	1.263						
742					95% Adjusted Gamma UCL	1.264						

	A	B	C	D	E	F	G	H	I	J	K	L
743	Note: DL/2 is not a recommended method.											
744												
745												
746	Benzo(k)fluoranthene											
747						General Statistics						
748					Number of Valid Data	197			Number of Detected Data			27
749					Number of Distinct Detected Data	26			Number of Non-Detect Data			170
750									Percent Non-Detects			86.29%
751												
752					Raw Statistics				Log-transformed Statistics			
753					Minimum Detected	0.00031			Minimum Detected			-8.079
754					Maximum Detected	4.08			Maximum Detected			1.406
755					Mean of Detected	0.717			Mean of Detected			-2.979
756					SD of Detected	1.147			SD of Detected			3.148
757					Minimum Non-Detect	0.00015			Minimum Non-Detect			-8.805
758					Maximum Non-Detect	6.84			Maximum Non-Detect			1.923
759												
760	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			197
761	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			0
762	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			100.00%
763												
764						UCL Statistics						
765					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
766					Shapiro Wilk Test Statistic	0.687			Shapiro Wilk Test Statistic			0.923
767					5% Shapiro Wilk Critical Value	0.923			5% Shapiro Wilk Critical Value			0.923
768					Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level			
769												
770					Assuming Normal Distribution				Assuming Lognormal Distribution			
771					DL/2 Substitution Method				DL/2 Substitution Method			
772					Mean	0.292			Mean			-1.997
773					SD	0.549			SD			1.683
774					95% DL/2 (t) UCL	0.356			95% H-Stat (DL/2) UCL			0.713
775												
776					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
777					MLE method failed to converge properly				Mean in Log Scale			-5.479
778									SD in Log Scale			2.591
779									Mean in Original Scale			0.115
780									SD in Original Scale			0.484
781									95% Percentile Bootstrap UCL			0.176
782									95% BCA Bootstrap UCL			0.19
783												
784					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
785					k star (bias corrected)	0.261			Data appear Gamma Distributed at 5% Significance Level			
786					Theta Star	2.748						
787					nu star	14.09						
788												
789					A-D Test Statistic	0.815			Nonparametric Statistics			
790					5% A-D Critical Value	0.868			Kaplan-Meier (KM) Method			
791					K-S Test Statistic	0.868			Mean			0.124
792					5% K-S Critical Value	0.184			SD			0.485
793					Data appear Gamma Distributed at 5% Significance Level				SE of Mean			0.0365
794									95% KM (t) UCL			0.184
795					Assuming Gamma Distribution				95% KM (z) UCL			0.184

796	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		0.183
797					Minimum	0.00031				95% KM (bootstrap t) UCL		0.209
798					Maximum	4.08				95% KM (BCA) UCL		0.194
799					Mean	0.72				95% KM (Percentile Bootstrap) UCL		0.188
800					Median	0.685				95% KM (Chebyshev) UCL		0.283
801					SD	0.424				97.5% KM (Chebyshev) UCL		0.352
802					k star	1.486				99% KM (Chebyshev) UCL		0.487
803					Theta star	0.484						
804					Nu star	585.5				**Potential UCLs to Use**		
805					AppChi2	530.4				95% KM (t) UCL		0.184
806				95% Gamma Approximate UCL		0.794						
807				95% Adjusted Gamma UCL		0.795						
808	**Note: DL/2 is not a recommended method.**											
809												
810												
811	**Chloroform**											
812						**General Statistics**						
813				Number of Valid Data		187				Number of Detected Data		10
814				Number of Distinct Detected Data		8				Number of Non-Detect Data		177
815										Percent Non-Detects		94.65%
816												
817	**Raw Statistics**						**Log-transformed Statistics**					
818				Minimum Detected		0.0012				Minimum Detected		-6.725
819				Maximum Detected		0.8				Maximum Detected		-0.223
820				Mean of Detected		0.205				Mean of Detected		-2.957
821				SD of Detected		0.316				SD of Detected		2.082
822				Minimum Non-Detect		0.00005				Minimum Non-Detect		-9.903
823				Maximum Non-Detect		1.3				Maximum Non-Detect		0.262
824												
825	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		187
826	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
827	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
828												
829	**UCL Statistics**											
830	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
831				Shapiro Wilk Test Statistic		0.628				Shapiro Wilk Test Statistic		0.93
832				5% Shapiro Wilk Critical Value		0.842				5% Shapiro Wilk Critical Value		0.842
833	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
834												
835	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
836				DL/2 Substitution Method						DL/2 Substitution Method		
837				Mean		0.0427				Mean		-4.106
838				SD		0.102				SD		1.996
839				95% DL/2 (t) UCL		0.0551				95% H-Stat (DL/2) UCL		0.183
840												
841				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
842	**MLE method failed to converge properly**									Mean in Log Scale		-9.437
843										SD in Log Scale		3.249
844										Mean in Original Scale		0.0121
845										SD in Original Scale		0.0835
846										95% Percentile Bootstrap UCL		0.023
847										95% BCA Bootstrap UCL		0.0285
848												

849	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
850				k star (bias corrected)	0.394		Data appear Gamma Distributed at 5% Significance Level					
851				Theta Star	0.521							
852				nu star	7.875							
853												
854				A-D Test Statistic	0.479		Nonparametric Statistics					
855				5% A-D Critical Value	0.783					Kaplan-Meier (KM) Method		
856				K-S Test Statistic	0.783					Mean		0.0138
857				5% K-S Critical Value	0.282					SD		0.0838
858	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.00661
859										95% KM (t) UCL		0.0247
860	Assuming Gamma Distribution									95% KM (z) UCL		0.0247
861				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.0222
862				Minimum	1E-09					95% KM (bootstrap t) UCL		0.0494
863				Maximum	1.671					95% KM (BCA) UCL		0.0616
864				Mean	0.39					95% KM (Percentile Bootstrap) UCL		0.0411
865				Median	0.215					95% KM (Chebyshev) UCL		0.0426
866				SD	0.455					97.5% KM (Chebyshev) UCL		0.0551
867				k star	0.153					99% KM (Chebyshev) UCL		0.0796
868				Theta star	2.54							
869				Nu star	57.38		Potential UCLs to Use					
870				AppChi2	40.97					95% KM (t) UCL		0.0247
871				95% Gamma Approximate UCL	0.546							
872				95% Adjusted Gamma UCL	0.547							
873	Note: DL/2 is not a recommended method.											
874												
875												
876	Chromium											
877	General Statistics											
878				Number of Valid Data	38					Number of Detected Data		37
879				Number of Distinct Detected Data	30					Number of Non-Detect Data		1
880										Percent Non-Detects		2.63%
881												
882	Raw Statistics						Log-transformed Statistics					
883				Minimum Detected	0.57					Minimum Detected		-0.562
884				Maximum Detected	54					Maximum Detected		3.989
885				Mean of Detected	7.738					Mean of Detected		1.373
886				SD of Detected	13.15					SD of Detected		0.982
887				Minimum Non-Detect	2.5					Minimum Non-Detect		0.916
888				Maximum Non-Detect	2.5					Maximum Non-Detect		0.916
889												
890												
891	UCL Statistics											
892	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
893				Shapiro Wilk Test Statistic	0.489					Shapiro Wilk Test Statistic		0.806
894				5% Shapiro Wilk Critical Value	0.936					5% Shapiro Wilk Critical Value		0.936
895	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
896												
897	Assuming Normal Distribution						Assuming Lognormal Distribution					
898				DL/2 Substitution Method						DL/2 Substitution Method		
899				Mean	7.567					Mean		1.343
900				SD	13.01					SD		0.987
901				95% DL/2 (t) UCL	11.13					95% H-Stat (DL/2) UCL		9.121

902												
903				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
904				Mean		3.783				Mean in Log Scale		1.348
905				SD		16.38				SD in Log Scale		0.981
906				95% MLE (t) UCL		8.264				Mean in Original Scale		7.574
907				95% MLE (Tiku) UCL		8.495				SD in Original Scale		13.01
908										95% Percentile Bootstrap UCL		11.17
909										95% BCA Bootstrap UCL		12.17
910												
911				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
912				k star (bias corrected)		0.819				Data do not follow a Discernable Distribution (0.05)		
913				Theta Star		9.444						
914				nu star		60.63						
915												
916				A-D Test Statistic		5.151				Nonparametric Statistics		
917				5% A-D Critical Value		0.783				Kaplan-Meier (KM) Method		
918				K-S Test Statistic		0.783				Mean		7.585
919				5% K-S Critical Value		0.15				SD		12.83
920				Data not Gamma Distributed at 5% Significance Level						SE of Mean		2.11
921										95% KM (t) UCL		11.14
922				Assuming Gamma Distribution						95% KM (z) UCL		11.06
923				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		11.14
924				Minimum		1E-09				95% KM (bootstrap t) UCL		13.98
925				Maximum		54				95% KM (BCA) UCL		11.42
926				Mean		7.534				95% KM (Percentile Bootstrap) UCL		11.19
927				Median		3				95% KM (Chebyshev) UCL		16.78
928				SD		13.03				97.5% KM (Chebyshev) UCL		20.76
929				k star		0.492				99% KM (Chebyshev) UCL		28.58
930				Theta star		15.32						
931				Nu star		37.38				Potential UCLs to Use		
932				AppChi2		24.38				95% KM (Chebyshev) UCL		16.78
933				95% Gamma Approximate UCL		11.55						
934				95% Adjusted Gamma UCL		11.76						
935	Note: DL/2 is not a recommended method.											
936												
937												
938	Chrysene											
939										General Statistics		
940				Number of Valid Data		207				Number of Detected Data		45
941				Number of Distinct Detected Data		43				Number of Non-Detect Data		162
942										Percent Non-Detects		78.26%
943												
944				Raw Statistics						Log-transformed Statistics		
945				Minimum Detected		0.00041				Minimum Detected		-7.799
946				Maximum Detected		30				Maximum Detected		3.401
947				Mean of Detected		1.696				Mean of Detected		-1.708
948				SD of Detected		4.667				SD of Detected		2.792
949				Minimum Non-Detect		0.00025				Minimum Non-Detect		-8.294
950				Maximum Non-Detect		6.84				Maximum Non-Detect		1.923
951												
952	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		205
953	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
954	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.03%

	A	B	C	D	E	F	G	H	I	J	K	L
955												
956	UCL Statistics											
957	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
958	Shapiro Wilk Test Statistic					0.385	Shapiro Wilk Test Statistic					0.931
959	5% Shapiro Wilk Critical Value					0.945	5% Shapiro Wilk Critical Value					0.945
960	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
961												
962	Assuming Normal Distribution						Assuming Lognormal Distribution					
963	DL/2 Substitution Method						DL/2 Substitution Method					
964	Mean					0.564	Mean					-1.719
965	SD					2.27	SD					1.534
966	95% DL/2 (t) UCL					0.825	95% H-Stat (DL/2) UCL					0.694
967												
968	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
969	MLE method failed to converge properly						Mean in Log Scale					-3.994
970							SD in Log Scale					2.411
971							Mean in Original Scale					0.396
972							SD in Original Scale					2.264
973							95% Percentile Bootstrap UCL					0.673
974							95% BCA Bootstrap UCL					0.884
975												
976	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
977	k star (bias corrected)					0.302	Data appear Gamma Distributed at 5% Significance Level					
978	Theta Star					5.626						
979	nu star					27.14						
980												
981	A-D Test Statistic					0.646	Nonparametric Statistics					
982	5% A-D Critical Value					0.86	Kaplan-Meier (KM) Method					
983	K-S Test Statistic					0.86	Mean					0.424
984	5% K-S Critical Value					0.143	SD					2.257
985	Data appear Gamma Distributed at 5% Significance Level						SE of Mean					0.159
986							95% KM (t) UCL					0.688
987	Assuming Gamma Distribution						95% KM (z) UCL					0.686
988	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.685
989	Minimum					0.00041	95% KM (bootstrap t) UCL					1.081
990	Maximum					30	95% KM (BCA) UCL					0.73
991	Mean					1.726	95% KM (Percentile Bootstrap) UCL					0.709
992	Median					1.578	95% KM (Chebyshev) UCL					1.119
993	SD					2.173	97.5% KM (Chebyshev) UCL					1.42
994	k star					1.132	99% KM (Chebyshev) UCL					2.01
995	Theta star					1.525						
996	Nu star					468.6	Potential UCLs to Use					
997	AppChi2					419.4	95% KM (t) UCL					0.688
998	95% Gamma Approximate UCL					1.929						
999	95% Adjusted Gamma UCL					1.93						
1000	Note: DL/2 is not a recommended method.											
1001												
1002												
1003	Cobalt											
1004	General Statistics											
1005	Number of Valid Data					35	Number of Detected Data					18
1006	Number of Distinct Detected Data					18	Number of Non-Detect Data					17
1007							Percent Non-Detects					48.57%

1008												
1009	**Raw Statistics**						**Log-transformed Statistics**					
1010					Minimum Detected	0.035					Minimum Detected	-3.352
1011					Maximum Detected	2.9					Maximum Detected	1.065
1012					Mean of Detected	0.382					Mean of Detected	-1.583
1013					SD of Detected	0.654					SD of Detected	1.032
1014					Minimum Non-Detect	0.43					Minimum Non-Detect	-0.844
1015					Maximum Non-Detect	33.3					Maximum Non-Detect	3.506
1016												
1017	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	35
1018	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1019	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1020												
1021	**UCL Statistics**											
1022	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1023					Shapiro Wilk Test Statistic	0.477					Shapiro Wilk Test Statistic	0.955
1024					5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
1025	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1026												
1027	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1028					DL/2 Substitution Method						DL/2 Substitution Method	
1029					Mean	2.164					Mean	-0.698
1030					SD	4.078					SD	1.666
1031					95% DL/2 (t) UCL	3.329					95% H-Stat (DL/2) UCL	4.954
1032												
1033					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1034	**MLE method failed to converge properly**										Mean in Log Scale	-1.665
1035											SD in Log Scale	0.771
1036											Mean in Original Scale	0.285
1037											SD in Original Scale	0.475
1038											95% Percentile Bootstrap UCL	0.436
1039											95% BCA Bootstrap UCL	0.529
1040												
1041	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1042					k star (bias corrected)	0.818	**Data Follow Appr. Gamma Distribution at 5% Significance Level**					
1043					Theta Star	0.467						
1044					nu star	29.45						
1045												
1046					A-D Test Statistic	1.065	**Nonparametric Statistics**					
1047					5% A-D Critical Value	0.769	Kaplan-Meier (KM) Method					
1048					K-S Test Statistic	0.769					Mean	0.317
1049					5% K-S Critical Value	0.21					SD	0.523
1050	**Data follow Appr. Gamma Distribution at 5% Significance Level**										SE of Mean	0.103
1051											95% KM (t) UCL	0.492
1052	**Assuming Gamma Distribution**										95% KM (z) UCL	0.487
1053					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.491
1054					Minimum	0.035					95% KM (bootstrap t) UCL	0.814
1055					Maximum	2.9					95% KM (BCA) UCL	0.543
1056					Mean	0.396					95% KM (Percentile Bootstrap) UCL	0.501
1057					Median	0.316					95% KM (Chebyshev) UCL	0.767
1058					SD	0.47					97.5% KM (Chebyshev) UCL	0.962
1059					k star	1.481					99% KM (Chebyshev) UCL	1.344
1060					Theta star	0.267						

1061					Nu star	103.7		Potential UCLs to Use				
1062					AppChi2	81.19					95% KM (BCA) UCL	0.543
1063				95% Gamma Approximate UCL		0.505						
1064				95% Adjusted Gamma UCL		0.511						
1065	Note: DL/2 is not a recommended method.											
1066												
1067												
1068	Dibenzo(a,h)anthracene											
1069						General Statistics						
1070					Number of Valid Data	207					Number of Detected Data	23
1071				Number of Distinct Detected Data		22					Number of Non-Detect Data	184
1072											Percent Non-Detects	88.89%
1073												
1074				Raw Statistics				Log-transformed Statistics				
1075					Minimum Detected	0.0004					Minimum Detected	-7.824
1076					Maximum Detected	5.5					Maximum Detected	1.705
1077					Mean of Detected	0.431					Mean of Detected	-3.798
1078					SD of Detected	1.179					SD of Detected	2.772
1079					Minimum Non-Detect	0.00028					Minimum Non-Detect	-8.181
1080					Maximum Non-Detect	6.84					Maximum Non-Detect	1.923
1081												
1082	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	207
1083	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1084	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1085												
1086						UCL Statistics						
1087				Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only				
1088					Shapiro Wilk Test Statistic	0.415					Shapiro Wilk Test Statistic	0.957
1089					5% Shapiro Wilk Critical Value	0.914					5% Shapiro Wilk Critical Value	0.914
1090				Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level				
1091												
1092				Assuming Normal Distribution				Assuming Lognormal Distribution				
1093					DL/2 Substitution Method						DL/2 Substitution Method	
1094					Mean	0.264					Mean	-2.011
1095					SD	0.544					SD	1.55
1096					95% DL/2 (t) UCL	0.327					95% H-Stat (DL/2) UCL	0.558
1097												
1098					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1099				MLE method failed to converge properly							Mean in Log Scale	-5.56
1100											SD in Log Scale	2.193
1101											Mean in Original Scale	0.0619
1102											SD in Original Scale	0.408
1103											95% Percentile Bootstrap UCL	0.115
1104											95% BCA Bootstrap UCL	0.152
1105												
1106				Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only				
1107					k star (bias corrected)	0.239		Data appear Lognormal at 5% Significance Level				
1108					Theta Star	1.8						
1109					nu star	11						
1110												
1111					A-D Test Statistic	1.374		Nonparametric Statistics				
1112					5% A-D Critical Value	0.875					Kaplan-Meier (KM) Method	
1113					K-S Test Statistic	0.875					Mean	0.0665

1114				5% K-S Critical Value	0.199					SD	0.41	
1115	Data not Gamma Distributed at 5% Significance Level									SE of Mean	0.03	
1116										95% KM (t) UCL	0.116	
1117	Assuming Gamma Distribution									95% KM (z) UCL	0.116	
1118	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	0.115	
1119				Minimum	0.0004					95% KM (bootstrap t) UCL	0.203	
1120				Maximum	5.5					95% KM (BCA) UCL	0.13	
1121				Mean	0.418					95% KM (Percentile Bootstrap) UCL	0.122	
1122				Median	0.33					95% KM (Chebyshev) UCL	0.197	
1123				SD	0.422					97.5% KM (Chebyshev) UCL	0.254	
1124				k star	1.392					99% KM (Chebyshev) UCL	0.365	
1125				Theta star	0.3							
1126				Nu star	576.3					Potential UCLs to Use		
1127				AppChi2	521.7					97.5% KM (Chebyshev) UCL	0.254	
1128				95% Gamma Approximate UCL	0.462							
1129				95% Adjusted Gamma UCL	0.462							
1130	Note: DL/2 is not a recommended method.											
1131												
1132												
1133	Indeno(1,2,3-cd)pyrene											
1134					General Statistics							
1135				Number of Valid Data	207					Number of Detected Data	28	
1136				Number of Distinct Detected Data	27					Number of Non-Detect Data	179	
1137										Percent Non-Detects	86.47%	
1138												
1139				Raw Statistics						Log-transformed Statistics		
1140				Minimum Detected	0.00028					Minimum Detected	-8.181	
1141				Maximum Detected	6					Maximum Detected	1.792	
1142				Mean of Detected	0.509					Mean of Detected	-3.086	
1143				SD of Detected	1.22					SD of Detected	2.75	
1144				Minimum Non-Detect	0.00016					Minimum Non-Detect	-8.74	
1145				Maximum Non-Detect	6.84					Maximum Non-Detect	1.923	
1146												
1147	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	207	
1148	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
1149	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
1150												
1151					UCL Statistics							
1152	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
1153				Shapiro Wilk Test Statistic	0.469					Shapiro Wilk Test Statistic	0.963	
1154				5% Shapiro Wilk Critical Value	0.924					5% Shapiro Wilk Critical Value	0.924	
1155	Data not Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
1156												
1157	Assuming Normal Distribution									Assuming Lognormal Distribution		
1158				DL/2 Substitution Method						DL/2 Substitution Method		
1159				Mean	0.282					Mean	-1.939	
1160				SD	0.589					SD	1.501	
1161				95% DL/2 (t) UCL	0.349					95% H-Stat (DL/2) UCL	0.561	
1162												
1163				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1164	MLE method failed to converge properly									Mean in Log Scale	-4.773	
1165										SD in Log Scale	2.093	
1166										Mean in Original Scale	0.0908	

1167											SD in Original Scale	0.474
1168											95% Percentile Bootstrap UCL	0.15
1169											95% BCA Bootstrap UCL	0.187
1170												
1171	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1172					k star (bias corrected)	0.281	Data appear Gamma Distributed at 5% Significance Level					
1173					Theta Star	1.812						
1174					nu star	15.73						
1175												
1176					A-D Test Statistic	0.648	Nonparametric Statistics					
1177					5% A-D Critical Value	0.859	Kaplan-Meier (KM) Method					
1178					K-S Test Statistic	0.859	Mean	0.107				
1179					5% K-S Critical Value	0.18	SD	0.475				
1180	Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.0357				
1181							95% KM (t) UCL	0.166				
1182	Assuming Gamma Distribution						95% KM (z) UCL	0.166				
1183	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.166				
1184					Minimum	0.00028	95% KM (bootstrap t) UCL	0.223				
1185					Maximum	6	95% KM (BCA) UCL	0.173				
1186					Mean	0.509	95% KM (Percentile Bootstrap) UCL	0.17				
1187					Median	0.511	95% KM (Chebyshev) UCL	0.263				
1188					SD	0.442	97.5% KM (Chebyshev) UCL	0.33				
1189					k star	1.659	99% KM (Chebyshev) UCL	0.463				
1190					Theta star	0.307						
1191					Nu star	687	Potential UCLs to Use					
1192					AppChi2	627.2	95% KM (t) UCL	0.166				
1193					95% Gamma Approximate UCL	0.558						
1194					95% Adjusted Gamma UCL	0.558						
1195	Note: DL/2 is not a recommended method.											
1196												
1197												
1198	Iron											
1199	General Statistics											
1200					Number of Valid Observations	35	Number of Distinct Observations	34				
1201												
1202	Raw Statistics						Log-transformed Statistics					
1203					Minimum	194	Minimum of Log Data	5.268				
1204					Maximum	35900	Maximum of Log Data	10.49				
1205					Mean	4232	Mean of log Data	7.376				
1206					Median	1280	SD of log Data	1.291				
1207					SD	7952						
1208					Coefficient of Variation	1.879						
1209					Skewness	3.063						
1210												
1211	Relevant UCL Statistics											
1212	Normal Distribution Test						Lognormal Distribution Test					
1213					Shapiro Wilk Test Statistic	0.528	Shapiro Wilk Test Statistic	0.938				
1214					Shapiro Wilk Critical Value	0.934	Shapiro Wilk Critical Value	0.934				
1215	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1216												
1217	Assuming Normal Distribution						Assuming Lognormal Distribution					
1218					95% Student's-t UCL	6505	95% H-UCL	6880				
1219	95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL	7657				

1220				95% Adjusted-CLT UCL	7187					97.5% Chebyshev (MVUE) UCL	9444	
1221				95% Modified-t UCL	6621					99% Chebyshev (MVUE) UCL	12956	
1222												
1223				**Gamma Distribution Test**						**Data Distribution**		
1224				k star (bias corrected)	0.595					**Data appear Lognormal at 5% Significance Level**		
1225				Theta Star	7118							
1226				MLE of Mean	4232							
1227				MLE of Standard Deviation	5489							
1228				nu star	41.62							
1229				Approximate Chi Square Value (.05)	27.83					**Nonparametric Statistics**		
1230				Adjusted Level of Significance	0.0425					95% CLT UCL	6443	
1231				Adjusted Chi Square Value	27.3					95% Jackknife UCL	6505	
1232										95% Standard Bootstrap UCL	6451	
1233				Anderson-Darling Test Statistic	2.526					95% Bootstrap-t UCL	8682	
1234				Anderson-Darling 5% Critical Value	0.8					95% Hall's Bootstrap UCL	9393	
1235				Kolmogorov-Smirnov Test Statistic	0.244					95% Percentile Bootstrap UCL	6550	
1236				Kolmogorov-Smirnov 5% Critical Value	0.156					95% BCA Bootstrap UCL	7428	
1237				**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	10091	
1238										97.5% Chebyshev(Mean, Sd) UCL	12626	
1239				**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	17606	
1240				95% Approximate Gamma UCL	6329							
1241				95% Adjusted Gamma UCL	6453							
1242												
1243				**Potential UCL to Use**						Use 95% H-UCL	6880	
1244												
1245												
1246	**Lead**											
1247						**General Statistics**							
1248				Number of Valid Data	325					Number of Detected Data	261	
1249				Number of Distinct Detected Data	238					Number of Non-Detect Data	64	
1250										Percent Non-Detects	19.69%	
1251												
1252				**Raw Statistics**						**Log-transformed Statistics**		
1253				Minimum Detected	1.14					Minimum Detected	0.131	
1254				Maximum Detected	1200					Maximum Detected	7.09	
1255				Mean of Detected	153.9					Mean of Detected	4.121	
1256				SD of Detected	206.9					SD of Detected	1.521	
1257				Minimum Non-Detect	5					Minimum Non-Detect	1.609	
1258				Maximum Non-Detect	20					Maximum Non-Detect	2.996	
1259												
1260	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	124	
1261	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	201	
1262	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	38.15%	
1263												
1264						**UCL Statistics**							
1265				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1266				Lilliefors Test Statistic	0.23					Lilliefors Test Statistic	0.0549	
1267				5% Lilliefors Critical Value	0.0548					5% Lilliefors Critical Value	0.0548	
1268				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1269												
1270				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1271				DL/2 Substitution Method						DL/2 Substitution Method		
1272				Mean	124.7					Mean	3.653	

1273				SD	194.5					SD	1.661	
1274				95% DL/2 (t) UCL	142.5					95% H-Stat (DL/2) UCL	158.4	
1275												
1276				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
1277				Mean	51.3					Mean in Log Scale	3.646	
1278				SD	270.3					SD in Log Scale	1.68	
1279				95% MLE (t) UCL	76.03					Mean in Original Scale	124.8	
1280				95% MLE (Tiku) UCL	78.66					SD in Original Scale	194.5	
1281										95% Percentile Bootstrap UCL	143.3	
1282										95% BCA Bootstrap UCL	144.3	
1283												
1284				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1285				k star (bias corrected)	0.66					**Data do not follow a Discernable Distribution (0.05)**		
1286				Theta Star	233							
1287				nu star	344.7							
1288												
1289				A-D Test Statistic	2.222					**Nonparametric Statistics**		
1290				5% A-D Critical Value	0.805					Kaplan-Meier (KM) Method		
1291				K-S Test Statistic	0.805					Mean	124.5	
1292				5% K-S Critical Value	0.0592					SD	194.4	
1293				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	10.8	
1294										95% KM (t) UCL	142.3	
1295				**Assuming Gamma Distribution**						95% KM (z) UCL	142.2	
1296				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	142.3	
1297				Minimum	1E-09					95% KM (bootstrap t) UCL	144	
1298				Maximum	1200					95% KM (BCA) UCL	141.1	
1299				Mean	123.9					95% KM (Percentile Bootstrap) UCL	142.6	
1300				Median	39.4					95% KM (Chebyshev) UCL	171.5	
1301				SD	195					97.5% KM (Chebyshev) UCL	191.9	
1302				k star	0.157					99% KM (Chebyshev) UCL	231.9	
1303				Theta star	789.2							
1304				Nu star	102					**Potential UCLs to Use**		
1305				AppChi2	79.74					97.5% KM (Chebyshev) UCL	191.9	
1306				95% Gamma Approximate UCL	158.6							
1307				95% Adjusted Gamma UCL	158.7							
1308	**Note: DL/2 is not a recommended method.**											
1309												
1310												
1311	**Manganese**											
1312										**General Statistics**		
1313				Number of Valid Data	35					Number of Detected Data	34	
1314				Number of Distinct Detected Data	32					Number of Non-Detect Data	1	
1315										Percent Non-Detects	2.86%	
1316												
1317				**Raw Statistics**						**Log-transformed Statistics**		
1318				Minimum Detected	2.27					Minimum Detected	0.82	
1319				Maximum Detected	481					Maximum Detected	6.176	
1320				Mean of Detected	41.58					Mean of Detected	2.666	
1321				SD of Detected	96.04					SD of Detected	1.249	
1322				Minimum Non-Detect	3.8					Minimum Non-Detect	1.335	
1323				Maximum Non-Detect	3.8					Maximum Non-Detect	1.335	
1324												
1325												

1326	**UCL Statistics**											
1327	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1328					Shapiro Wilk Test Statistic	0.426					Shapiro Wilk Test Statistic	0.917
1329					5% Shapiro Wilk Critical Value	0.933					5% Shapiro Wilk Critical Value	0.933
1330	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1331												
1332	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1333					DL/2 Substitution Method						DL/2 Substitution Method	
1334					Mean	40.45					Mean	2.608
1335					SD	94.85					SD	1.277
1336					95% DL/2 (t) UCL	67.56					95% H-Stat (DL/2) UCL	54.8
1337												
1338					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
1339					Mean	30.11					Mean in Log Scale	2.61
1340					SD	103.1					SD in Log Scale	1.274
1341					95% MLE (t) UCL	59.59					Mean in Original Scale	40.45
1342					95% MLE (Tiku) UCL	57.94					SD in Original Scale	94.85
1343											95% Percentile Bootstrap UCL	69.51
1344											95% BCA Bootstrap UCL	77.86
1345												
1346	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1347					k star (bias corrected)	0.552	**Data do not follow a Discernable Distribution (0.05)**					
1348					Theta Star	75.27						
1349					nu star	37.57						
1350												
1351					A-D Test Statistic	3.247	**Nonparametric Statistics**					
1352					5% A-D Critical Value	0.804					Kaplan-Meier (KM) Method	
1353					K-S Test Statistic	0.804					Mean	40.48
1354					5% K-S Critical Value	0.159					SD	93.47
1355	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	16.04
1356											95% KM (t) UCL	67.6
1357	**Assuming Gamma Distribution**										95% KM (z) UCL	66.86
1358					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	67.58
1359					Minimum	1E-09					95% KM (bootstrap t) UCL	137.3
1360					Maximum	481					95% KM (BCA) UCL	69.39
1361					Mean	40.39					95% KM (Percentile Bootstrap) UCL	70.08
1362					Median	11.8					95% KM (Chebyshev) UCL	110.4
1363					SD	94.87					97.5% KM (Chebyshev) UCL	140.6
1364					k star	0.374					99% KM (Chebyshev) UCL	200.1
1365					Theta star	107.9						
1366					Nu star	26.21	**Potential UCLs to Use**					
1367					AppChi2	15.54					97.5% KM (Chebyshev) UCL	140.6
1368					95% Gamma Approximate UCL	68.12						
1369					95% Adjusted Gamma UCL	69.88						
1370	**Note: DL/2 is not a recommended method.**											
1371												
1372												
1373	**Mercury**											
1374	**General Statistics**											
1375					Number of Valid Data	388					Number of Detected Data	250
1376					Number of Distinct Detected Data	208					Number of Non-Detect Data	138
1377											Percent Non-Detects	35.57%
1378												

	A	B	C	D	E	F	G	H	I	J	K	L
1379	**Raw Statistics**						**Log-transformed Statistics**					
1380					Minimum Detected	0.0076					Minimum Detected	-4.88
1381					Maximum Detected	142					Maximum Detected	4.956
1382					Mean of Detected	7.225					Mean of Detected	0.791
1383					SD of Detected	16.1					SD of Detected	1.572
1384					Minimum Non-Detect	0.052					Minimum Non-Detect	-2.957
1385					Maximum Non-Detect	0.84					Maximum Non-Detect	-0.174
1386												
1387	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	194
1388	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	194
1389	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	50.00%
1390												
1391	**UCL Statistics**											
1392	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1393					Lilliefors Test Statistic	0.327					Lilliefors Test Statistic	0.0639
1394					5% Lilliefors Critical Value	0.056					5% Lilliefors Critical Value	0.056
1395	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1396												
1397	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1398					DL/2 Substitution Method						DL/2 Substitution Method	
1399					Mean	4.728					Mean	-0.188
1400					SD	13.35					SD	1.925
1401					95% DL/2 (t) UCL	5.845					95% H-Stat (DL/2) UCL	5.318
1402												
1403					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1404	**MLE yields a negative mean**										Mean in Log Scale	-0.339
1405											SD in Log Scale	2.034
1406											Mean in Original Scale	4.7
1407											SD in Original Scale	13.36
1408											95% Percentile Bootstrap UCL	5.869
1409											95% BCA Bootstrap UCL	6.072
1410												
1411	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1412					k star (bias corrected)	0.527	**Data do not follow a Discernable Distribution (0.05)**					
1413					Theta Star	13.72						
1414					nu star	263.3						
1415												
1416					A-D Test Statistic	9.923	**Nonparametric Statistics**					
1417					5% A-D Critical Value	0.818					Kaplan-Meier (KM) Method	
1418					K-S Test Statistic	0.818					Mean	4.688
1419					5% K-S Critical Value	0.0611					SD	13.34
1420	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.679
1421											95% KM (t) UCL	5.807
1422	**Assuming Gamma Distribution**										95% KM (z) UCL	5.805
1423					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	5.807
1424					Minimum	1E-09					95% KM (bootstrap t) UCL	6.139
1425					Maximum	142					95% KM (BCA) UCL	5.949
1426					Mean	5.149					95% KM (Percentile Bootstrap) UCL	5.858
1427					Median	1.245					95% KM (Chebyshev) UCL	7.647
1428					SD	13.3					97.5% KM (Chebyshev) UCL	8.927
1429					k star	0.137					99% KM (Chebyshev) UCL	11.44
1430					Theta star	37.57						
1431					Nu star	106.4	**Potential UCLs to Use**					

1432				AppChi2	83.55					97.5% KM (Chebyshev) UCL		8.927
1433				95% Gamma Approximate UCL	6.554							
1434				95% Adjusted Gamma UCL	6.56							
1435	**Note: DL/2 is not a recommended method.**											
1436												
1437												
1438	**Naphthalene**											
1439					**General Statistics**							
1440				Number of Valid Data	207					Number of Detected Data		36
1441				Number of Distinct Detected Data	33					Number of Non-Detect Data		171
1442										Percent Non-Detects		82.61%
1443												
1444				**Raw Statistics**						**Log-transformed Statistics**		
1445				Minimum Detected	0.00037					Minimum Detected		-7.902
1446				Maximum Detected	8.04					Maximum Detected		2.084
1447				Mean of Detected	0.792					Mean of Detected		-3.428
1448				SD of Detected	1.895					SD of Detected		3.289
1449				Minimum Non-Detect	0.3					Minimum Non-Detect		-1.204
1450				Maximum Non-Detect	6.84					Maximum Non-Detect		1.923
1451												
1452	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		205
1453	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
1454	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.03%
1455												
1456					**UCL Statistics**							
1457				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1458				Shapiro Wilk Test Statistic	0.466					Shapiro Wilk Test Statistic		0.907
1459				5% Shapiro Wilk Critical Value	0.935					5% Shapiro Wilk Critical Value		0.935
1460				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1461												
1462				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1463				DL/2 Substitution Method						DL/2 Substitution Method		
1464				Mean	0.335					Mean		-1.967
1465				SD	0.889					SD		1.561
1466				95% DL/2 (t) UCL	0.437					95% H-Stat (DL/2) UCL		0.617
1467												
1468				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1469				**MLE method failed to converge properly**						Mean in Log Scale		-5.046
1470										SD in Log Scale		2.335
1471										Mean in Original Scale		0.154
1472										SD in Original Scale		0.835
1473										95% Percentile Bootstrap UCL		0.26
1474										95% BCA Bootstrap UCL		0.305
1475												
1476				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1477				k star (bias corrected)	0.226					**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
1478				Theta Star	3.509							
1479				nu star	16.25							
1480												
1481				A-D Test Statistic	1.293					**Nonparametric Statistics**		
1482				5% A-D Critical Value	0.889					Kaplan-Meier (KM) Method		
1483				K-S Test Statistic	0.889					Mean		0.16
1484				5% K-S Critical Value	0.162					SD		0.833

	A	B	C	D	E	F	G	H	I	J	K	L
1485	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	0.0593
1486											95% KM (t) UCL	0.258
1487	Assuming Gamma Distribution										95% KM (z) UCL	0.258
1488	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.257
1489					Minimum	0.00037					95% KM (bootstrap t) UCL	0.39
1490					Maximum	8.04					95% KM (BCA) UCL	0.272
1491					Mean	0.798					95% KM (Percentile Bootstrap) UCL	0.268
1492					Median	0.637					95% KM (Chebyshev) UCL	0.419
1493					SD	0.827					97.5% KM (Chebyshev) UCL	0.53
1494					k star	0.954					99% KM (Chebyshev) UCL	0.75
1495					Theta star	0.837						
1496					Nu star	394.8	Potential UCLs to Use					
1497					AppChi2	349.7					95% KM (t) UCL	0.258
1498					95% Gamma Approximate UCL	0.901						
1499					95% Adjusted Gamma UCL	0.901						
1500	Note: DL/2 is not a recommended method.											
1501												
1502												
1503												
1504	n-Butylbenzene											
1505	General Statistics											
1506					Number of Valid Data	167					Number of Detected Data	30
1507					Number of Distinct Detected Data	25					Number of Non-Detect Data	137
1508											Percent Non-Detects	82.04%
1509												
1510	Raw Statistics						Log-transformed Statistics					
1511					Minimum Detected	0.07					Minimum Detected	-2.659
1512					Maximum Detected	50.9					Maximum Detected	3.93
1513					Mean of Detected	2.997					Mean of Detected	-0.61
1514					SD of Detected	9.415					SD of Detected	1.611
1515					Minimum Non-Detect	0.00009					Minimum Non-Detect	-9.316
1516					Maximum Non-Detect	0.07					Maximum Non-Detect	-2.659
1517												
1518	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	137
1519	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	30
1520	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	82.04%
1521												
1522	UCL Statistics											
1523	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1524					Shapiro Wilk Test Statistic	0.333					Shapiro Wilk Test Statistic	0.922
1525					5% Shapiro Wilk Critical Value	0.927					5% Shapiro Wilk Critical Value	0.927
1526	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1527												
1528	Assuming Normal Distribution						Assuming Lognormal Distribution					
1529					DL/2 Substitution Method						DL/2 Substitution Method	
1530					Mean	0.559					Mean	-3.655
1531					SD	4.098					SD	2.468
1532					95% DL/2 (t) UCL	1.084					95% H-Stat (DL/2) UCL	0.821
1533												
1534					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1535	MLE yields a negative mean										Mean in Log Scale	-6.16
1536											SD in Log Scale	3.678
1537											Mean in Original Scale	0.543

1538											SD in Original Scale	4.1
1539											95% Percentile Bootstrap UCL	1.145
1540											95% BCA Bootstrap UCL	1.6
1541												
1542				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
1543						k star (bias corrected)	0.371				Data do not follow a Discernable Distribution (0.05)	
1544						Theta Star	8.08					
1545						nu star	22.25					
1546												
1547						A-D Test Statistic	2.954				Nonparametric Statistics	
1548						5% A-D Critical Value	0.834				Kaplan-Meier (KM) Method	
1549						K-S Test Statistic	0.834				Mean	0.596
1550						5% K-S Critical Value	0.172				SD	4.081
1551				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.321
1552											95% KM (t) UCL	1.127
1553				Assuming Gamma Distribution							95% KM (z) UCL	1.124
1554						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	1.112
1555						Minimum	1E-09				95% KM (bootstrap t) UCL	3.292
1556						Maximum	50.9				95% KM (BCA) UCL	1.343
1557						Mean	2.599				95% KM (Percentile Bootstrap) UCL	1.193
1558						Median	2.69				95% KM (Chebyshev) UCL	1.996
1559						SD	4.073				97.5% KM (Chebyshev) UCL	2.602
1560						k star	0.574				99% KM (Chebyshev) UCL	3.792
1561						Theta star	4.529					
1562						Nu star	191.7				Potential UCLs to Use	
1563						AppChi2	160.6				95% KM (Chebyshev) UCL	1.996
1564						95% Gamma Approximate UCL	3.101					
1565						95% Adjusted Gamma UCL	3.105					
1566	Note: DL/2 is not a recommended method.											
1567												
1568												
1569	Tetrachloroethene											
1570							General Statistics					
1571						Number of Valid Data	187				Number of Detected Data	6
1572						Number of Distinct Detected Data	6				Number of Non-Detect Data	181
1573											Percent Non-Detects	96.79%
1574												
1575						Raw Statistics					Log-transformed Statistics	
1576						Minimum Detected	0.00057				Minimum Detected	-7.47
1577						Maximum Detected	1.8				Maximum Detected	0.588
1578						Mean of Detected	0.312				Mean of Detected	-4.54
1579						SD of Detected	0.73				SD of Detected	2.941
1580						Minimum Non-Detect	0.00013				Minimum Non-Detect	-8.948
1581						Maximum Non-Detect	1.3				Maximum Non-Detect	0.262
1582												
1583	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	186
1584	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
1585	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.47%
1586												
1587	Warning: There are only 6 Detected Values in this data											
1588	Note: It should be noted that even though bootstrap may be performed on this data set											
1589	the resulting calculations may not be reliable enough to draw conclusions											
1590												

1591	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
1592												
1593												
1594	UCL Statistics											
1595	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1596					Shapiro Wilk Test Statistic	0.518					Shapiro Wilk Test Statistic	0.878
1597					5% Shapiro Wilk Critical Value	0.788					5% Shapiro Wilk Critical Value	0.788
1598	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1599												
1600	Assuming Normal Distribution						Assuming Lognormal Distribution					
1601					DL/2 Substitution Method						DL/2 Substitution Method	
1602					Mean	0.0393					Mean	-4.155
1603					SD	0.138					SD	1.809
1604					95% DL/2 (t) UCL	0.056					95% H-Stat (DL/2) UCL	0.124
1605												
1606					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1607	MLE method failed to converge properly										Mean in Log Scale	-11.15
1608											SD in Log Scale	3.489
1609											Mean in Original Scale	0.0107
1610											SD in Original Scale	0.132
1611											95% Percentile Bootstrap UCL	0.0298
1612											95% BCA Bootstrap UCL	0.0406
1613												
1614	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1615					k star (bias corrected)	0.219	Data Follow Appr. Gamma Distribution at 5% Significance Level					
1616					Theta Star	1.424						
1617					nu star	2.627						
1618												
1619					A-D Test Statistic	0.834	Nonparametric Statistics					
1620					5% A-D Critical Value	0.797					Kaplan-Meier (KM) Method	
1621					K-S Test Statistic	0.797					Mean	0.0109
1622					5% K-S Critical Value	0.363					SD	0.131
1623	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	0.0105
1624											95% KM (t) UCL	0.0283
1625	Assuming Gamma Distribution										95% KM (z) UCL	0.0282
1626					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0258
1627					Minimum	1E-09					95% KM (bootstrap t) UCL	0.467
1628					Maximum	1.8					95% KM (BCA) UCL	0.06
1629					Mean	0.205					95% KM (Percentile Bootstrap) UCL	0.031
1630					Median	0.235					95% KM (Chebyshev) UCL	0.0568
1631					SD	0.201					97.5% KM (Chebyshev) UCL	0.0766
1632					k star	0.133					99% KM (Chebyshev) UCL	0.116
1633					Theta star	1.546						
1634					Nu star	49.57	Potential UCLs to Use					
1635					AppChi2	34.41					95% KM (t) UCL	0.0283
1636					95% Gamma Approximate UCL	0.295						
1637					95% Adjusted Gamma UCL	0.296						
1638	Note: DL/2 is not a recommended method.											
1639												
1640												
1641	Vanadium											
1642	General Statistics											
1643					Number of Valid Data	39					Number of Detected Data	25

	A	B	C	D	E	F	G	H	I	J	K	L
1644				Number of Distinct Detected Data		25				Number of Non-Detect Data		14
1645										Percent Non-Detects		35.90%
1646												
1647				**Raw Statistics**						**Log-transformed Statistics**		
1648				Minimum Detected		0.56				Minimum Detected		-0.58
1649				Maximum Detected		79.8				Maximum Detected		4.38
1650				Mean of Detected		10.02				Mean of Detected		1.477
1651				SD of Detected		19.57				SD of Detected		1.121
1652				Minimum Non-Detect		2				Minimum Non-Detect		0.693
1653				Maximum Non-Detect		33.3				Maximum Non-Detect		3.506
1654												
1655	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		37
1656	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		2
1657	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		94.87%
1658												
1659						**UCL Statistics**							
1660				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1661				Shapiro Wilk Test Statistic		0.453				Shapiro Wilk Test Statistic		0.903
1662				5% Shapiro Wilk Critical Value		0.918				5% Shapiro Wilk Critical Value		0.918
1663				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1664												
1665				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1666				DL/2 Substitution Method						DL/2 Substitution Method		
1667				Mean		8.142				Mean		1.382
1668				SD		15.96				SD		1.039
1669				95% DL/2 (t) UCL		12.45				95% H-Stat (DL/2) UCL		8.233
1670												
1671				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
1672				**MLE method failed to converge properly**						Mean in Log Scale		1.2
1673										SD in Log Scale		1.011
1674										Mean in Original Scale		7.233
1675										SD in Original Scale		16.01
1676										95% Percentile Bootstrap UCL		11.82
1677										95% BCA Bootstrap UCL		13.82
1678												
1679				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1680				k star (bias corrected)		0.666				**Data do not follow a Discernable Distribution (0.05)**		
1681				Theta Star		15.05						
1682				nu star		33.29						
1683												
1684				A-D Test Statistic		2.555				**Nonparametric Statistics**		
1685				5% A-D Critical Value		0.786				Kaplan-Meier (KM) Method		
1686				K-S Test Statistic		0.786				Mean		7.366
1687				5% K-S Critical Value		0.182				SD		15.81
1688				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		2.592
1689										95% KM (t) UCL		11.73
1690				**Assuming Gamma Distribution**						95% KM (z) UCL		11.63
1691				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		11.7
1692				Minimum		1E-09				95% KM (bootstrap t) UCL		26.84
1693				Maximum		79.8				95% KM (BCA) UCL		12.57
1694				Mean		8.858				95% KM (Percentile Bootstrap) UCL		11.73
1695				Median		3.88				95% KM (Chebyshev) UCL		18.66
1696				SD		15.98				97.5% KM (Chebyshev) UCL		23.55

1697					k star	0.295				99% KM (Chebyshev) UCL		33.15
1698					Theta star	30						
1699					Nu star	23.03				**Potential UCLs to Use**		
1700					AppChi2	13.11				97.5% KM (Chebyshev) UCL		23.55
1701				95% Gamma Approximate UCL		15.56						
1702				95% Adjusted Gamma UCL		15.92						
1703	**Note: DL/2 is not a recommended method.**											
1704												
1705												
1706	**Zinc**											
1707						**General Statistics**						
1708					Number of Valid Data	39				Number of Detected Data		30
1709					Number of Distinct Detected Data	29				Number of Non-Detect Data		9
1710										Percent Non-Detects		23.08%
1711												
1712				**Raw Statistics**						**Log-transformed Statistics**		
1713					Minimum Detected	0.95				Minimum Detected		-0.0513
1714					Maximum Detected	3960				Maximum Detected		8.284
1715					Mean of Detected	173.9				Mean of Detected		2.557
1716					SD of Detected	721.6				SD of Detected		1.97
1717					Minimum Non-Detect	0.57				Minimum Non-Detect		-0.562
1718					Maximum Non-Detect	20				Maximum Non-Detect		2.996
1719												
1720	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		27
1721	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		12
1722	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		69.23%
1723												
1724						**UCL Statistics**							
1725				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1726					Shapiro Wilk Test Statistic	0.252				Shapiro Wilk Test Statistic		0.927
1727					5% Shapiro Wilk Critical Value	0.927				5% Shapiro Wilk Critical Value		0.927
1728				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
1729												
1730				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1731					DL/2 Substitution Method					DL/2 Substitution Method		
1732					Mean	134.6				Mean		2.16
1733					SD	634.5				SD		1.941
1734					95% DL/2 (t) UCL	305.9				95% H-Stat (DL/2) UCL		105.9
1735												
1736					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1737				**MLE yields a negative mean**						Mean in Log Scale		2.017
1738										SD in Log Scale		2.069
1739										Mean in Original Scale		134.2
1740										SD in Original Scale		634.6
1741										95% Percentile Bootstrap UCL		335.1
1742										95% BCA Bootstrap UCL		460.8
1743												
1744				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1745					k star (bias corrected)	0.265				**Data appear Lognormal at 5% Significance Level**		
1746					Theta Star	656.4						
1747					nu star	15.9						
1748												
1749					A-D Test Statistic	3.626				**Nonparametric Statistics**		

1750				5% A-D Critical Value	0.867					Kaplan-Meier (KM) Method		
1751				K-S Test Statistic	0.867					Mean		134.3
1752				5% K-S Critical Value	0.175					SD		626.4
1753			**Data not Gamma Distributed at 5% Significance Level**							SE of Mean		102
1754										95% KM (t) UCL		306.3
1755			**Assuming Gamma Distribution**							95% KM (z) UCL		302.2
1756			Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL		305.7
1757				Minimum	1E-09					95% KM (bootstrap t) UCL		2335
1758				Maximum	3960					95% KM (BCA) UCL		331
1759				Mean	134.7					95% KM (Percentile Bootstrap) UCL		333.4
1760				Median	4.8					95% KM (Chebyshev) UCL		579
1761				SD	634.5					97.5% KM (Chebyshev) UCL		771.5
1762				k star	0.121					99% KM (Chebyshev) UCL		1149
1763				Theta star	1112							
1764				Nu star	9.447					**Potential UCLs to Use**		
1765				AppChi2	3.599					99% KM (Chebyshev) UCL		1149
1766				95% Gamma Approximate UCL	353.4							
1767				95% Adjusted Gamma UCL	367.9							
1768	**Note: DL/2 is not a recommended method.**											
1769												
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	A	B	C	D	E	F	G	H	I	J	K	L
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2109												
2110												
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2112												
2113												
2114												
2115												
2116												
2117	**Benzo(b/k)fluoranthene**											
2118												
2119						**General Statistics**							
2120					Number of Valid Data	10				Number of Detected Data	1	

	A	B	C	D	E	F	G	H	I	J	K	L
2121				Number of Distinct Detected Data		1				Number of Non-Detect Data		9
2122										Percent Non-Detects		90.00%
2123												
2124	Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!											
2125	It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).											
2126												
2127	The data set for variable Benzo(b/k)fluoranthene was not processed!											
2128												
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Aroclor-1260	D_Aroclor-	Aroclor-1268	D_Aroclor-	Arsenic	D_Arsenic	Benzo(a)anthr	D_Benzo(a)an	Benzo(a)pyr	D_Benzo(a)	Benzo(b)flu	D_Benzo(b)	Benzo(b/k)flu	D_Benzo(b/k	bis(2-Ethylhe:	D_bis(2-Ethyl	Chromium	D_Chromiu	Dibenzo(a,h)a
0.024	0	0.051	1	0.34999	1	0.027	1	0.051	1	0.03	1	1.6	1	0.53	1	1.74	1	0.0096
0.015	0	0.021	1	0.63999	1	0.0017	1	0.00209	1	0.0036	1	8.1	0	8.3	0	2.2	1	0.00066
0.023	0	0.042	1	4	0	0.0064	1	0.011	1	0.015	1	9.8	0	8.1	0	2.6	1	0.0033
0.018	0	0.065	1	4	0	0.046	1	0.057	1	0.051	1	13	0	9.8	0	4.4	1	0.025
0.06	0	0.18	1	2	0	0.037	1	0.04	1	0.065	1	8.7	0	13	0	3.8	1	0.018
0.098	0	0.24	1	1.5	0	0.31999	0	0.31999	0	0.38999	1	0.99	1	8.7	0	6.3	1	0.31999
0.13	0	0.57	1	2.2	1	0.34	0	0.34	0	0.34	0	8.5	0	7.6	0	8.2	1	0.34
0.0017	0	0.21	1	1.5	0	0.31999	0	0.31999	0	0.31999	0	8.5	0	8.5	0	4.4	1	0.31999
0.0017	0	0.16	1	3.5	1	0.31999	0	0.31999	0	0.31999	0	8.3	0	8.5	0	5.4	1	0.31999
0.00209	0	0.039	1	3	0	0.35	0	0.71	0	0.35	0	0.35	0	8.3	0	3.1	1	0.35
2.16	0	2.16	0	1.5	0	1.3	1	8.3	0	4.70E-03	1	0.36	0	0.35	0	3.3	1	8.3
2.28	0	2.28	0	2.4	1	8.1	0	8.1	0	1.20E-03	0	0.35	0	0.36	0	5.9	1	8.1
2.14	0	2.14	0	2.9	1	9.8	0	9.8	0	3.50E-03	1	0.26	1	0.35	0	6.6	1	9.8
2.13	0	2.13	0	2.8	1	13	0	13	0	1.20E-03	0	0.35	0	0.35	0	17	1	13
0.035	0	0.035	0	3	0	8.7	0	8.7	0	1.50E-02	1	0.36	0	0.35	0	4.9	1	8.7
2.21	0	2.21	0	0.5	1	0.92	1	0.8	1	1.30E-02	1	0.42	0	0.36	0	2.63	1	7.6
2.12	0	2.12	0	0.27	1	8.5	0	8.5	0	0.23	1	0.37	0	0.42	0	2.7	1	8.5
0.035	0	1.21	1	0.37	1	1	1	1.3	1	1.20E-02	1	0.068	1	1.8	1	2.11	1	8.5
0.036	0	1.21	1	0.28	1	8.3	0	8.3	0	9.40E-02	1	0.33	1	46	1	2.09	1	8.3
0.035	0	1.21	1	1.23	1	0.35	0	0.35	0	5.50E-03	1	0.18	1	0.42	0	3.46	1	0.35
0.035	0	1.21	1	0.32	1	0.36	0	0.36	0					0.36	0	2	1	0.36
0.035	0	1.21	1	1.65	1	0.35	0	0.35	0					7.00E-03	0	12.5	1	0.35
0.036	0	1.21	1	0.38	1	0.09	1	0.12	1					7.00E-03	0	1.9	1	0.35
0.24	1	0.034000002	1	0.45	1	0.35	0	0.35	0					7.00E-03	0	3.13	1	0.35
0.3	1	5.60E-03	1	0.3	1	0.36	0	0.36	0					7.00E-03	0	2.51	1	0.36
0.9	1	5.20E-03	1			0.42	0	0.42	0					0.017	1			0.42
0.85	1	2.10E-03	0			0.37	0	0.37	0					7.00E-03	0			0.37
0.47	0	1.60E-02	0			0.38	0	0.49	1					0.41000003	1			0.38
1.21	1	2.30E-03	1			0.15	1	0.17	1					7.00E-03	0			0.42
1.21	1	0.100000001	1			0.36	0	0.082	1					3.80E-02	1			0.36
1.21	1	2.10E-03	0			3.40E-03	1	3.30E-03	1					1.30E-02	1			1.50E-03
1.21	1	9.20E-02	1			1.70E-03	0	1.70E-03	0									1.50E-03
1.21	1	1.10E-02	1			2.20E-03	1	2.60E-03	1									1.50E-03
1.21	1					1.70E-03	0	1.70E-03	0									1.50E-03
2.10E-03	0					7.70E-03	1	9.60E-03	1									3.10E-03
2.10E-03	0					1.30E-02	1	1.90E-02	1									8.60E-03
4.20E-03	0					8.60E-02	1	8.80E-02	1									1.90E-02
2.10E-03	0					5.10E-03	1	6.90E-03	1									2.10E-03
2.70E-02	1					4.50E-02	1	6.10E-02	1									1.80E-02
5.90E-03	0					2.10E-03	1	3.30E-03	1									1.50E-03
8.70E-02	1																	
2.10E-03	0																	
3.70E-02	1																	
2.10E-03	0																	

D_Dibenzo(a,	Indeno(1,2,3	D_Indeno(1,2	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercury	Vanadium	D_Vanadium
1	0.025	1	797	1	20.3	1	0.114	1	5.64	1
1	0.0022	1	1530	1	10.4	1	0.055	1	4.26	1
1	0.01	1	4200	1	12.3	1	0.0989	1	5.84	1
1	0.075	1	5200	1	58.1	1	0.092	1	12.3	1
1	0.069	1	1700	1	43.8	1	0.372	1	4.09	1
0	0.31999	0	3000	1	44.8	1	0.0855	1	4.5	1
0	0.34	0	3000	1	28.3	1	0.195	1	6.8	1
0	0.31999	0	2100	1	34.6	1	0.261	1	9.8	1
0	0.31999	0	12000	1	22.5	1	0.168	1	7	0
0	0.71	0	2000	1	11.6	1	0.302	1	8	0
0	8.3	0	2000	1	25.9	1	0.54	0	5	0
0	8.1	0	26000	1	20.5	1	0.56999	0	8	0
0	9.8	0	4100	1	16	1	0.52999	0	9	0
0	13	0	11000	1	46.8	1	0.52999	0	12	1
0	8.7	0	3800	1	19.7	1	0.156	1	9	0
0	7.6	0	1780	1	178	1	1.97	1	12	1
0	8.5	0	1470	1	43	1	0.52999	0	21	1
0	8.5	0	1720	1	230	1	9.3	1	43	1
0	8.3	0	1290	1	89	1	1.4	1	16	1
0	0.35	0	2380	1	26	1	38	1	6.89	1
0	0.36	0	1520	1	34	1	32	1	1.82	1
0	0.35	0	2090	1	73	1	2.2	1	3.26	1
0	0.1	1	1850	1	65	1	1.2	1	1.66	1
0	0.35	0	1940	1	5.3	1	0.44999	1	4.45	1
0	0.36	0	1500	1	94	1	2.9	1	1.99	1
0	0.42	0			110	1	1.2	1	9.1	1
0	0.37	0			30	0	0.10999	0	2.31	1
0	0.38	0			30	0	0.15999	1	7.05	1
0	0.12	1			40	0	0.10999	0	2.05	1
0	0.069	1			84	1	0.10999	0		
0	2.10E-03	1			50	0	1.8	1		
0	1.50E-03	0			30	0	0.47999	0		
0	2.20E-03	1			20	0	0.10999	0		
0	1.50E-03	0			77	1	0.23999	1		
1	8.20E-03	1			60	0	0.85	1		
1	8.20E-03	1			130	1	2.4	1		
1	8.30E-02	1			50	0	1.1	1		
1	5.30E-03	1			16.9	1	8.21	1		
1	4.50E-02	1			13.3	1	21.6	1		
0	2.90E-03	1			54.3	1	0.302	1		
					3.02	1	2.54	1		
					3.02	1	0.302	1		
					3.02	1	0.652	1		
					21.4	1	9.31E-02	1		
					4.1	1	2.00E-02	1		
					7.84	1	3.52E-02	1		
					3.85	1	6.80E-03	1		
					63.4	1	4.90E-02	1		
					42.8	1	0.0223	1		
					40.2	1	9.80E-02	1		
					30.4	1	1.98E-02	1		
					34.9	1	0.218	1		
					9.86	1	0.0335	1		

Aroclor-1221	D_Aroclor-12	Aroclor-1254	D_Aroclor-12	Aroclor-1260	D_Aroclor-12	Aroclor-1268	D_Aroclor-12	Arsenic	D_Arsenic	Benzo(a)antl	D_Benzo(a)a	Benzo(a)pyr	D_Benzo(a)p	Benzo(b)fluo	D_Benzo(b)f	Benzo(b/k)flu	D_Benzo(b	Carbazole
0.0017	0	0.019	1	0.024	0	0.091	1	0.89999	1	0.0058	1	0.0069	1	0.012	1	0.055	1	0.37
0.0017	0	0.049	1	0.055	0	0.27	1	0.23	1	0.22	1	0.23	1	0.37	1	0.72	1	0.38
0.017	0	0.2	1	0.017	0	1.2	1	1.6	0	0.028	1	0.03299	1	0.046	1	0.4	0	0.4
0.017	0	0.17	1	0.017	0	4.1	1	2	0	0.33	0	0.33	0	0.33	0	0.4	0	0.4
0.004	0	0.037	0	0.0017	0	0.24	1	1.7	0	0.36	0	0.36	0	0.36	0	0.062	1	0.41
0.0017	0	0.0017	0	0.0017	0	0.058	1	1.7	0	0.34	0	0.34	0	0.34	0	0.23	1	0.39
0.034	0	0.17	1	0.034	0	10	1	1.8	0	0.37	0	0.37	0	0.37	0	0.28	1	0.046
0.017	0	0.017	0	0.017	0	0.96	1	3.3	1	0.34	0	0.34	0	0.34	0	0.34	1	0.39
0.34	0	0.34	0	0.34	0	19	1	1.7	0	0.34	0	0.34	0	0.34	0	0.38	0	0.38
0.017	0	0.46	1	0.017	0	1.5	1	1.7	0	0.34999	0	0.34999	0	0.34999	0			
0.017	0	0.33	1	0.017	0	1.3	1			0.37	0	0.062	1	0.167	1			
0.0017	0	0.0017	0	0.0017	0	0.056	1			0.86	1	0.96	1	0.1695	1			
0.017	0	0.14	1	0.017	0	0.87	1			0.4	0	0.4	0	0.165	1			
0.0017	0	0.0017	0	0.0017	0	0.037	1			0.4	0	0.4	0	0.179	1			
0.017	0	0.14	1	0.017	0	1.3	1			0.41	0	0.41	0	0.17	1			
0.0017	0	0.0017	0	0.0017	0	0.028	1			0.11	1	0.12	1	0.169	1			
0.017	0	0.09	1	0.017	0	0.99	1			0.23	1	0.24	1	0.173	1			
0.0017	0	0.0017	0	0.0017	0	0.014	1			0.38	1	0.42	1	0.1795	1			
0.017	0	0.18	1	0.017	0	2.2	1			0.071	1	0.38	0	0.1655	1			
0.0017	0	0.0017	0	0.0017	0	0.051	1			0.167	1	0.167	1	0.1675	1			
0.017	0	0.15	1	0.017	0	1.7	1			0.1695	1	0.1695	1	0.167	1			
0.0017	0	0.0017	0	0.0017	0	0.041	1			0.165	1	0.165	1	0.1695	1			
0.017	0	0.13	1	0.017	0	3.4	1			0.179	1	0.179	1	0.171	1			
0.0017	0	0.013	1	0.0017	0	0.41	1			0.17	1	0.17	1	0.1785	1			
0.017	0	0.18	1	0.017	0	3.5	1			0.169	1	0.169	1	0.181	1			
0.0017	0	0.017	1	0.0017	0	0.33	1			0.173	1	0.173	1	0.1875	1			
0.21	0	11	1	0.21	0	15	1			0.1795	1	0.1795	1	0.165	1			
0.27	1	0.63	1	0.021	0	2.4	1			0.1655	1	0.1655	1	0.169	1			
2.22	0	2.22	0	2.22	0	2.22	0			0.1675	1	0.1675	1	0.1735	1			
2.39	0	2.39	0	2.39	0	2.39	0			0.167	1	0.167	1	0.183	1			
2.26	0	2.26	0	2.26	0	2.26	0			0.1695	1	0.1695	1	0.1705	1			
2.45	0	2.45	0	2.45	0	2.45	0			0.171	1	0.171	1	0.167	1			
2.26	0	2.26	0	2.26	0	2.7	1			0.1785	1	0.1785	1	0.169	1			
2.27	0	2.27	0	2.27	0	2.7	1			0.181	1	0.181	1	0.172	1			
2.35	0	2.35	0	2.35	0	2.35	0			0.1875	1	0.1875	1	0.1685	1			
0.074	0	0.11	1	1.4	1	0.038	0			0.165	1	0.165	1	0.1745	1			
0.076	0	0.037	0	0.037	0	10.1	1			0.169	1	0.169	1	0.177	1			
0.082	0	0.04	0	0.04	0	8.09	1			0.1735	1	0.1735	1	0.1885	1			
0.081	0	0.04	0	0.04	0	12	1			0.183	1	0.183	1	0.17	1			
0.084	0	0.041	0	0.041	0	1.21	1			0.1705	1	0.1705	1	0.1695	1			
0.08	0	0.039	0	0.039	0	1.115	1			0.167	1	0.167	1	0.173	1			
0.081	0	0.04	0	1.2	1	1.13	1			0.169	1	0.169	1	0.179	1			
0.08	0	0.039	0	0.039	0	1.1	1			0.172	1	0.172	1	0.1665	1			
0.078	0	0.038	0	0.038	0	1.19	1			0.1685	1	0.1685	1	0.16	1			
7.25	1	1.21	1	1.21	1	1.135	1			0.1745	1	0.1745	1	0.166	1			
7.25	1	1.21	1	1.21	1	1.13	1			0.177	1	0.177	1	0.1595	1			
7.25	1	1.21	1	1.21	1	1.15	1			0.1885	1	0.1885	1					
7.25	1	1.21	1	1.21	1	1.2	1			0.17	1	0.17	1					
5.55	1	1.115	1	1.115	1	1.105	1			0.1695	1	0.1695	1					
5.65	1	1.13	1	1.13	1	1.115	1			0.173	1	0.173	1					
5.5	1	1.1	1	1.1	1	1.115	1			0.179	1	0.179	1					
5.95	1	1.19	1	1.19	1	1.13	1			0.1665	1	0.1665	1					
5.65	1	1.135	1	1.135	1	1.14	1			0.16	1	0.16	1					

5.65	1	1.13	1	1.13	1	1.19	1	0.166	1	0.166	1
5.75	1	1.15	1	1.15	1	26.3	1	0.1595	1	0.1595	1
6	1	1.2	1	1.2	1	44.7	1				
5.5	1	1.105	1	1.105	1	1.1	1				
5.6	1	1.115	1	1.115	1	1.13	1				
5.55	1	1.115	1	1.115	1	1.16	1				
5.65	1	1.13	1	1.13	1	1.22	1				
5.7	1	1.14	1	1.14	1	1.135	1				
5.95	1	1.19	1	1.19	1	1.115	1				
6.05	1	1.21	1	1.21	1	18.7	1				
6.25	1	1.25	1	1.25	1	29.2	1				
5.5	1	1.1	1	1.1	1	1.125	1				
5.65	1	1.13	1	1.13	1	1.165	1				
5.8	1	1.16	1	1.16	1	1.18	1				
6.1	1	1.22	1	1.22	1	1.26	1				
5.7	1	1.135	1	1.135	1	24.7	1				
5.55	1	1.115	1	1.115	1	1.13	1				
5.65	1	1.125	1	1.125	1	1.155	1				
5.75	1	1.15	1	1.15	1	28.4	1				
5.6	1	1.125	1	1.125	1	1.11	1				
5.8	1	1.165	1	1.165	1	1.065	1				
5.9	1	1.18	1	1.18	1	1.105	1				
6.3	1	1.26	1	1.26	1	1.065	1				
5.65	1	1.135	1	1.135	1						
5.65	1	1.13	1	1.13	1						
5.75	1	1.155	1	1.155	1						
5.95	1	1.195	1	1.195	1						
5.55	1	1.11	1	1.11	1						
5.35	1	1.065	1	1.065	1						
5.55	1	1.105	1	1.105	1						
5.3	1	1.065	1	1.065	1						

D_Carbazc	Dibenzo(a,h)	D_Dibenzo(a	Chromium	D_Chromiu	Indeno(1,2,3	D_Indeno(1,	Iron	D_Iron	Mercury	D_Mercury
0	0.0017	1	12.7	1	0.0072	1	14400	1	0.261	1
0	0.074	1	3.81	1	0.24	1	859	1	0.755	1
0	0.0092	1	4	1	0.024	1	1800	1	13.3	1
0	0.33	0	5.5	1	0.33	0	3600	1	1.15	1
0	0.36	0	3	1	0.36	0	630	1	0.31	1
0	0.34	0	3.9	1	0.34	0	1800	1	0.75999	1
1	0.37	0	4.8	1	0.37	0	2500	1	1.31	1
0	0.34	0	7.6	1	0.34	0	4800	1	0.72	1
0	0.34	0	7.8	1	0.34	0	3700	1	11.8	1
	0.34999	0	5.5	1	0.34999	0	3100	1	9.3	1
	0.37	0			0.37	0			6.2	1
	0.38	0			0.54	1			17.5	1
	0.4	0			0.4	0			3.67	1
	0.4	0			0.4	0			5.3	1
	0.41	0			0.41	0			1.6	1
	0.055	1			0.091	1			3.3	1
	0.1	1			0.2	1			0.11999	0
	0.26	1			0.25	1			0.54	1
	0.38	0			0.38	0			1.9	1
	0.167	1			0.167	1			6	1
	0.1695	1			0.1695	1			3.6	1
	0.165	1			0.165	1			13	1
	0.179	1			0.179	1			4.47	1
	0.17	1			0.17	1			1.81	1
	0.169	1			0.169	1			1.57	1
	0.173	1			0.173	1			0.302	1
	0.1795	1			0.1795	1			0.2785	1
	0.1655	1			0.1655	1			0.282	1
	0.1675	1			0.1675	1			0.275	1
	0.167	1			0.167	1			0.298	1
	0.1695	1			0.1695	1			0.2835	1
	0.171	1			0.171	1			0.282	1
	0.1785	1			0.1785	1			0.288	1
	0.181	1			0.181	1			0.2995	1
	0.1875	1			0.1875	1			0.2755	1
	0.165	1			0.165	1			0.279	1
	0.169	1			0.169	1			0.2785	1
	0.1735	1			0.1735	1			0.282	1
	0.183	1			0.183	1			0.2845	1
	0.1705	1			0.1705	1			0.2975	1
	0.167	1			0.167	1			0.302	1
	0.169	1			0.169	1			0.313	1
	0.172	1			0.172	1			0.275	1
	0.1685	1			0.1685	1			0.282	1
	0.1745	1			0.1745	1			0.2895	1
	0.177	1			0.177	1			0.305	1
	0.1885	1			0.1885	1			0.284	1
	0.17	1			0.17	1			0.2785	1
	0.1695	1			0.1695	1			0.2815	1
	0.173	1			0.173	1			0.287	1
	0.179	1			0.179	1			0.2805	1
	0.1665	1			0.1665	1			0.2905	1
	0.16	1			0.16	1			0.295	1

0.166	1	0.166	1	0.3145	1
0.1595	1	0.1595	1	0.2835	1
				0.2825	1
				0.2885	1
				0.2985	1
				0.2775	1
				0.2665	1
				0.2765	1
				0.266	1

1,1,2,2-Tetr	D_1,1,2,2-T	1,2,4-Trime	D_1,2,4-Tri	1,4-Dichloro	D_1,4-Dichl	1-Methyl N	D_1-Methy	2-Methylna	D_2-Methy	4,6-Dinitro-2-me	D_4,6-Dinitro-2-	Aluminum	D_Aluminu	Antimony	D_Antimor	Aroclor-1016	D_Aroclor-	Aroclor-1254	D_Aroclor-12
0.00011	0	0.00011	0	0.00012	0	15.9	1	0.11	1	1.9	0	2430	1	9.86	1	0.091	0	28	1
0.00013	0	0.00014	0	0.00015	0	0.31	0	0.022	1	1.93	0	2930	1	0.15	1	0.0085	0	0.23	1
0.00009	0	0.00009	0	0.00011	0	0.31999	0	0.0017	1	2.13	0	3990	1	0.02999	0	0.0017	0	0.1	1
2.7	0	3.5	1	0.38	0	0.36	0	0.00039	0	3.65	0	4480	1	0.03999	1	0.034	0	4.4	1
0.006	0	0.10999	0	0.39	0	0.36	0	0.26	1	2.3	0	3600	1	0.17499	1	0.017	0	0.24	1
0.006	0	0.05999	0	0.43	0	0.40999	0	0.00039	0	1.85	0	3690	1	0.00899	1	0.0017	0	0.2	1
0.005	0	0.05999	0	0.73	0	0.33	0	0.38	0	1.9	0	3100	1	16.3	0	0.017	0	0.93	1
0.006	0	0.05999	0	0.46	0	6.1	1	0.73	1	0.89	0	3260	1	14	0	0.00209	0	0.00209	0
0.006	0	0.064	1	0.37	0	18.8	1	0.43	0	0.89	0	21900	1	14	0	0.015	0	0.19	1
0.005	0	0.05999	1	0.38	0	0.34999	0	0.73	0	0.87	0	3320	1	15	0	0.00209	0	0.0028	1
0.006	0	0.05	0	0.10999	0	0.34	0	0.46	0	0.98	0	2700	1	13	0	0.14	0	0.044	1
0.10999	0	0.05	0	0.10999	0	0.34	0	0.37	0	0.95	0			13	0	0.399	0	4.11	1
0.10999	0	0.05999	0	0.05999	0	0.34	0	0.38	0	0.94	0			13	0	0.797	0	7.13	1
0.05999	0	0.05	0	0.05999	0	0.31999	0	11.1	1	0.99	0			14	0	0.38	0	0.38	0
0.05999	0	0.05999	0	0.05999	0	0.33	0	0.31	0	0.95	0					0.038	0	0.038	0
0.05999	0	0.05	0	0.05999	0	0.31999	0	0.31999	0	0.94	0					0.4	0	0.4	0
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.36	0	0.93	0					0.36	0	0.36	0
0.05	0	0.05999	0	0.05	0	0.31999	0	0.36	0	0.94	0					0.37	0	0.37	0
0.05	0	0.2	1	0.05	0	0.34	0	0.40999	0	0.94	0					0.37	0	0.37	0
0.05	0	0.05	0	0.05999	0	0.31	0	0.33	0	0.96	0					0.037	0	0.037	0
0.05999	0	0.05999	0	0.05	0	0.33	0	0.33	0	32	1					2.42	0	2.42	0
0.05	0	0.05999	0	0.05999	0	0.34	0	13.1	1							2.53	0	2.53	0
0.05999	0	0.05999	0	0.05	0	0.33	0	0.34999	0							2.4	0	2.4	0
0.05	0	0.05	0	0.05999	0	0.31999	0	0.34	0							2.41	0	2.41	0
0.05999	0	0.05999	0	0.05999	0	0.33	0	0.34	0							2.56	0	2.56	0
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0							3.16	0	3.16	0
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.31999	0							2.43	0	2.43	0
0.05	0	0.05999	0	0.05999	0	0.31999	0	0.33	0							2.38	0	2.38	0
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.31999	0							2.76	0	2.76	0
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34999	0							2.31	0	2.31	0
0.05999	0	9.33	1	0.05	0	0.34999	0	0.31999	0							2.07	0	2.07	0
0.05	0	15.3	1	0.05999	0	0.34	0	0.34	0							418	0	2.19	0
0.05999	0	4.8	1	0.05999	0	0.34999	0	0.31	0							2.19	0	2.25	0
0.05999	0	17	1	0.05999	0	0.34999	0	0.33	0							2.25	0	2.2	0
0.05999	0	11.6	1	0.05999	0	2.31	1	0.34	0							2.2	0	2.16	0
0.05999	0	0.05	0	0.05999	0	1.48	1	0.33	0							2.16	0	2.15	0
0.05999	0	0.05999	0	0.05999	0	4.3	1	0.31999	0							2.15	0	2.12	0
0.05999	0	0.05999	0	0.05999	0	3.9	1	0.33	0							2.12	0	2.19	0
0.05999	0	0.05999	0	2.8	0	26.9	1	0.34	0							2.19	0	2.33	0
2.8	0	0.10999	1	3	0	0.33	0	0.34999	0							2.33	0	2.28	0
3	0	0.05999	0	3.2	0	0.36	0	0.31999	0							2.28	0	2.27	0
3.2	0	0.05999	0	3.1	0	0.36	0	0.34	0							2.27	0	2.25	0
3.1	0	0.05999	0	0.05	0	0.37999	0	1.6	1							2.25	0	2.1	0
0.05	0	0.05999	0	0.05999	0	1.82	1	0.34999	0							2.1	0	2.13	0
0.05999	0	0.07	0	0.05999	0	0.34	0	0.34	0							2.13	0	2.11	0
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.34999	0							2.11	0	2.28	0
0.05999	0	0.07	0	0.05999	0	0.34999	0	0.34999	0							2.28	0	2.14	0
0.05999	0	0.07	0	0.05999	0	0.37	0	0.34	0							2.14	0	2.17	0
0.05999	0	0.05999	0	0.05999	0	0.38999	0	2.23	1							2.17	0	2.11	0
0.05999	0	0.05999	0	0.05999	0	0.37	0	0.36	0							2.11	0	2.17	0
0.05999	0	0.05999	0	0.05999	0	0.46	1	1.01	1							2.17	0	2.09	0
0.05999	0	0.05999	0	0.07	0	0.38999	0	2.75	1							2.09	0	3.3	1
0.07	0	0.05999	0	0.05999	0	0.34999	0	0.33	0							2.13	0	2.14	0

0.05999	0	0.07	1	0.07	0	0.34999	0	0.36	0	2.14	0	3.56	0	
0.07	0	0.1	1	0.07	0	0.4	1	0.36	0	3.56	0	3.55	0	
0.07	0	0.05999	0	0.05999	0	0.34999	0	0.37999	0	3.55	0	2.7	0	
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0	2.7	0	14	1	
0.05999	0	0.05999	0	0.05999	0	0.37	0	0.34	0	2.16	0	4.7	1	
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.36	0	2.17	0	6.1	1	
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.34999	0	2.15	0	2.27	0	
0.05999	0	0.1	1	0.05999	0	0.34999	0	0.37	0	2.27	0	2.17	0	
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.38999	0	2.17	0	2.18	0	
0.05999	0	0.05999	0	0.05999	0	0.34999	0	0.37	0	2.18	0	2.24	0	
0.05999	0	0.05	0	0.05999	0	0.34	0	0.38999	0	2.24	0	2.31	0	
0.05999	0	0.05999	0	0.05999	0	3.82	1	0.38999	0	2.31	0	2.3	0	
0.05999	0	0.62999	1	0.05999	0	0.36	0	0.34999	0	2.3	0	2.21	0	
0.05999	0	0.05	0	0.05999	0	0.33	0	0.34999	0	2.21	0	2.35	0	
0.05999	0	0.05	0	0.05999	0	3.26	0	0.34	0	2.35	0	8.1	1	
0.05999	0	0.05999	0	0.05999	0	0.37999	0	0.34999	0	2.24	0	2.28	0	
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0	2.28	0	2.15	0	
0.05999	0	0.05	0	0.05	0	0.33	0	0.37	0	2.15	0	2.24	0	
0.05	0	0.05999	0	0.05999	0	0.33	0	0.36	0	2.24	0	2.09	0	
0.05999	0	0.05	0	0.05999	0	0.34	0	0.36	0	2.09	0	2.22	0	
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.34999	0	2.22	0	2.28	0	
0.05	0	0.09	1	0.05	0	0.31999	0	0.36	0	2.28	0	2.21	0	
0.05	0	0.05999	0	0.05999	0	0.33	0	0.34999	0	2.21	0	2.52	0	
0.05999	0	0.05999	0	0.05999	0	0.31	0	0.34	0	2.52	0	2.23	0	
0.05999	0	0.05	0	0.05	0	0.34	0	0.33	0	2.23	0	2.11	0	
0.05	0	0.05999	0	0.05999	0	0.36	0	0.36	0	2.11	0	2.23	0	
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.33	0	2.23	0	2.26	0	
0.05	0	7.4	1	0.05999	0	0.34	0	3.26	0	2.26	0	2.33	0	
0.05999	0	0.03	1	0.05999	0	0.31999	0	0.37999	0	2.33	0	2.14	0	
0.05999	0	0.03	1	0.05999	0	0.34	0	0.34	0	2.14	0	2.26	0	
0.05999	0	0.03	1	0.05999	0	0.34999	0	0.33	0	2.26	0	2.27	0	
0.05999	0	0.03	1	0.05	0			0.33	0	2.27	0	2.23	0	
0.05	0	0.03	1	0.05999	0			0.34	0	2.23	0	2.15	0	
0.05999	0	0.03	1	0.05999	0			0.34999	0	2.15	0	2.2	0	
0.05999	0	0.03	1	0.39	0			0.31999	0	2.2	0	2.31	0	
0.012	0	23.3	1	0.37	0			0.33	0	2.31	0	2.5	0	
0.011	0	0.03	1	0.37	0			0.31	0	2.5	0	2.32	0	
0.011	0	0.03	1	0.36	0			0.34	0	2.32	0	2.3	0	
0.011	0	0.03	1	0.4	0			0.36	0	2.3	0	2.33	0	
0.012	0	0.0275	1	0.39	0			0.34999	0	2.33	0	2.4	0	
0.012	0	0.029	1	0.39	0			0.34	0	2.4	0	2.31	0	
0.012	0	0.0275	1	0.41	0			0.31999	0	2.31	0	2.07	0	
0.012	0	0.0275	1	0.39	0			0.34	0	2.07	0	2.19	0	
0.012	0			0.39	0			0.34999	0	2.19	0	2.39	0	
0.012	0			0.38	0			0.39	0	2.39	0	2.25	0	
0.012	0			0.39	0			0.17	1	2.25	0	2.33	0	
0.012	0			0.39	0			0.12	1	2.33	0	2.28	0	
0.012	0			0.4	0			0.12	1	2.28	0	2.52	0	
0.012	0			11	0			0.29	1	2.52	0	2.21	0	
11	0			0.03	1			0.2	1	2.21	0	2.36	0	
0.03	1			0.03	1			0.2	1	2.36	0	2.29	0	
0.03	1			0.03	1			0.08	1	2.29	0	2.34	0	
0.03	1			0.03	1			0.035	1	2.34	0	2.32	0	
0.03	1			0.03	1			0.39	0	2.32	0	2.56	0	

0.03	1	0.03	1	0.07	1	2.56	0	2.39	0
0.03	1	0.03	1	1.5	1	2.39	0	2.41	0
0.03	1	0.03	1	0.39	0	2.41	0	2.33	0
0.03	1	0.03	1	0.4	0	2.33	0	2.31	0
0.03	1	0.03	1	32	1	2.31	0	2.21	0
0.03	1	0.03	1			2.21	0	2.23	0
0.03	1	0.0275	1			2.23	0	2.24	0
0.0275	1	0.029	1			2.24	0	2.24	0
0.029	1	0.0275	1			2.24	0	2.54	0
0.0275	1	0.0275	1			2.54	0	2.78	0
0.0275	1					2.78	0	2.83	0
						2.83	0	2.28	0
						2.28	0	2.51	0
						2.51	0	2.36	0
						2.36	0	2.75	0
						2.75	0	2.44	0
						2.44	0	3.16	0
						3.16	0	2.34	0
						2.34	0	2.34	0
						2.34	0	2.3	0
						2.3	0	2.53	0
						2.53	0	2.1	0
						2.1	0	2.25	0
						2.25	0	2.29	0
						2.29	0	2.18	0
						2.18	0	2.18	0
						2.18	0	2.29	0
						2.29	0	2.13	0
						2.13	0	2.27	0
						2.27	0	2.18	0
						2.18	0	2.2	0
						2.2	0	2.36	0
						2.36	0	2.2	0
						2.2	0	2.29	0
						2.29	0	2.53	0
						2.53	0	2.39	0
						2.39	0	2.36	0
						2.36	0	2.31	0
						2.31	0	2.41	0
						2.41	0	2.4	0
						2.4	0	2.41	0
						2.41	0	2.53	0
						2.53	0	2.9	1
						2.23	0	2.26	0
						2.26	0	2.4	0
						2.4	0	2.48	0
						2.48	0	2.2	0
						2.2	0	2.15	0
						2.15	0	2.33	0
						2.33	0	2.58	0
						2.58	0	2.47	0
						2.47	0	2.37	0
						2.37	0	2.38	0
						2.38	0	3.2	1

2	0	2.4	0
2.4	0	2.31	0
2.31	0	2.29	0
2.29	0	2.37	0
2.37	0	2.23	0
2.23	0	2.23	0
2.23	0	2.23	0
2.23	0	2.24	0
2.24	0	2.18	0
2.18	0	2.17	0
2.17	0	2.27	0
2.27	0	2.35	0
2.35	0	2.14	0
2.14	0	2.2	1
2.07	0	2.1	1
2.13	0	2.17	0
2.17	0	2.14	0
2.14	0	2.2	0
2.2	0	2.09	0
2.09	0	2.07	0
2.07	0	2.3	0
2.3	0	2.1	0
2.1	0	2.13	0
2.13	0	2.9	1
2.23	0	2.19	0
2.19	0	2.6	1
2.12	0	2.3	0
2.3	0	2.41	0
2.41	0	2.31	0
2.31	0	2.24	0
2.24	0	2.12	0
2.12	0	2.28	0
2.28	0	2.36	0
2.36	0	2.16	0
2.16	0	2.08	0
2.08	0	2.38	0
2.38	0	2.01	0
2.01	0	0.039	0
0.039	0	0.68	1
0.037	0	0.43	1
0.036	0	0.31	1
0.036	0	1.6	1
0.04	0	0.024	1
0.039	0	1.6	1
0.038	0	1.4	1
0.04	0	0.17	1
0.078	0	0.038	0
0.038	0	2.4	1
0.038	0	0.81	1
0.039	0	0.31	1
0.038	0	0.1	1
0.04	0	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1

2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.21	1
2.415	1	1.095	1
2.19	1	1.165	1
2.335	1	1.095	1
2.195	1	1.095	1
2.195	1		

Aroclor-1260	D_Aroclor-12	Aroclor-1268	D_Aroclor-12	Arsenic	D_Arsenic	Benzene	D_Benzen	Benzo(a)an	D_Benzo(a	Benzo(a)py	D_Benzo(a	Benzo(b)fluo	D_Benzo(b)	Benzo(k)flu	D_Benzo(k	bis(2-Chlor	D_bis(2-Cl	Carbazole	D_Carbazo
0.091	0	8.9	1	0.23999	1	0.00017	0	0.14	1	0.19	1	0.21	1	0.042	1	0.38	0	0.38	0
0.0085	0	0.55	1	1.32	1	0.00022	0	0.03299	1	0.045	1	0.03299	1	0.0072	1	0.39	0	0.39	0
0.0017	0	0.028	1	0.23999	1	0.00015	0	0.0019	1	0.002	1	0.0037	1	0.0012	1	0.43	0	0.43	0
0.034	0	6.1	1	3.3	1	2.7	0	0.00048	0	0.00014	0	0.00025	0	0.00015	0	0.73	0	0.73	0
0.017	0	0.57	1	12.9	1	0.006	0	0.6	1	0.79	1	0.58	1	0.14	1	0.46	0	0.46	0
0.14	0	0.2	1	9.8	1	0.006	0	0.00068	1	0.00032	1	0.00079	1	0.00028	1	0.37	0	0.37	0
0.017	0	0.78	1	5.1	1	0.005	0	6.4	1	1.7	1	3.6	1	0.38	0	0.38	0	0.38	0
0.00209	0	0.00209	0	3.5	1	0.006	0	1.3	1	0.39	0	0.39	0	0.39	0	0.39	0	0.39	0
0.014	0	0.69	1	2.2	0	0.006	0	0.43	0	0.43	0	0.43	0	0.43	0	0.37	0	0.37	0
0.00209	0	0.0086	1	2.5	1	0.005	0	1.6	1	0.8	1	1.02	1	0.73	0	0.37	0	0.044	1
0.032	1	4.35	1	2.3	0	0.006	0	0.46	0	0.46	0	0.46	0	0.46	0	0.36	0	0.36	0
0.399	0	9.66	1	0.82999	1	0.10999	0	0.85	1	0.37	0	2	1	0.48	1	0.4	0	0.4	0
0.797	0	1.1	1			0.10999	0	0.38	0	0.38	0	0.57	1	0.38	0	0.39	0	0.39	0
0.38	0	0.038	0			0.05999	0	5.53	0	5.53	0	5.53	0	5.53	0	0.39	0	0.038	1
0.038	0	1.5	1			0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0	0.41	0	0.41	0
0.7	1	0.46	1			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0	0.39	0	0.39	0
0.36	0	2.2	1			0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0	0.39	0	0.39	0
1.5	1	1.3	1			0.05	0	0.36	0	0.36	0	0.36	0	0.36	0	0.38	0	0.022	1
1.2	1	0.3	1			0.05	0	0.40999	0	0.40999	0	0.40999	0	0.40999	0	0.39	0	0.39	0
0.14	1	2.42	0			0.05	0	0.33	0	0.33	0	0.33	0	0.33	0	0.39	0	0.39	0
2.42	0	2.53	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0	0.4	0	0.047	1
2.53	0	2.4	0			0.05	0	0.33	0	0.33	0	0.33	0	0.33	0	45	0		
2.4	0	2.41	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
2.41	0	2.56	0			0.05	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.56	0	3.16	0			0.05999	0	0.68999	1	0.56999	1	0.55	1	0.34	0				
3.16	0	2.43	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.43	0	2.38	0			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
2.38	0	2.76	0			0.05	0	0.33	0	0.33	0	0.33	0	0.33	0				
2.76	0	2.31	0			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
2.31	0	2.07	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
2.07	0	418	0			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
2.19	0	2.19	0			0.05	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.25	0	2.25	0			0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0				
2.2	0	2.2	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0				
2.16	0	2.16	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.15	0	2.15	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0				
2.12	0	2.12	0			0.05999	0	0.31999	0	0.31999	0	0.33	1	0.31999	0				
2.19	0	2.19	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0				
2.33	0	2.33	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.28	0	2.28	0			2.8	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
2.27	0	2.27	0			3	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
2.25	0	2.25	0			3.2	0	0.34	0	0.34	0	0.38999	1	0.34	0				
2.1	0	2.1	0			3.1	0	2.12	1	0.34	0	0.34	0	0.34	0				
2.13	0	2.13	0			0.05	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
2.11	0	2.11	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.28	0	2.28	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
2.14	0	2.14	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
2.17	0	2.17	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
7.3	1	21	1			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
2.17	0	2.6	1			0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0				
2.09	0	2.09	0			0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.40999	1				
2.13	0	2.13	0			0.05999	0	0.37	0	0.37	0	2.87	1	0.37	0				
2.14	0	2.14	0			0.07	0	0.33	0	0.33	0	0.33	0	0.33	0				

3.56	0	3.56	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
3.55	0	3.55	0	0.07	0	0.36	0	0.36	0	0.36	0	0.36	0
2.7	0	2.7	0	0.07	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0
2.16	0	7.6	1	0.05999	0	0.34	0	0.34	0	0.34	0	0.46	1
2.17	0	6	1	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
2.15	0	3	1	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
2.27	0	2.27	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.17	0	2.17	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
2.18	0	2.18	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
2.24	0	2.24	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
2.31	0	2.31	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
2.3	0	2.3	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
2.21	0	9	1	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.35	0	2.35	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.24	0	2.24	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
2.28	0	2.28	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.41999	1
2.15	0	2.15	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
2.24	0	2.24	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
2.09	0	2.09	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
2.22	0	2.22	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
2.28	0	2.28	0	0.14	1	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.21	0	2.21	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
2.52	0	2.52	0	0.05	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.23	0	2.23	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
2.11	0	2.11	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.44999	1
2.23	0	2.23	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
2.26	0	2.26	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
2.33	0	2.33	0	0.05	0	3.57	1	3.26	0	3.26	0	3.26	0
2.14	0	2.14	0	0.05999	0	0.37999	0	0.37999	0	0.67	1	0.61	1
2.26	0	2.26	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
2.27	0	2.27	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
2.23	0	2.23	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
2.15	0	2.15	0	0.05	0	0.34	0	0.34	0	0.34	0	0.34	0
2.2	0	2.2	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.31	0	2.31	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
2.5	0	2.5	0	0.012	0	0.33	0	0.33	0	0.33	0	0.33	0
2.32	0	2.32	0	0.011	0	0.31	0	0.31	0	0.31	0	0.31	0
2.3	0	2.3	0	0.001	1	0.34	0	0.34	0	0.34	0	0.34	0
2.33	0	2.33	0	0.011	0	0.36	0	0.36	0	0.36	0	0.36	0
2.4	0	2.4	0	0.012	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.31	0	2.31	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0
2.07	0	2.07	0	0.012	0	0.69999	1	0.94999	1	1.06	1	0.99	1
2.19	0	2.19	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0
2.39	0	2.39	0	0.012	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
2.25	0	2.25	0	0.012	0	0.39	0	0.39	0	0.39	0	0.39	0
2.33	0	2.33	0	0.012	0	0.18	1	0.18	1	0.34	1	0.13	1
2.28	0	7.5	1	0.003	1	0.5	1	0.5	1	1.1	1	0.4	1
2.52	0	2.52	0	0.012	0	0.2	1	0.078	1	0.32	1	0.12	1
2.21	0	4.2	1	0.012	0	0.14	1	0.14	1	0.11	1	0.028	1
2.36	0	2.36	0	11	0	0.037	1	0.044	1	0.034	1	0.39	0
2.29	0	2.29	0	0.03	1	1.3	1	1	1	2	1	0.8	1
2.34	0	6.6	1	0.03	1	0.047	1	0.074	1	0.18	1	0.057	1
2.32	0	2.32	0	0.03	1	0.085	1	0.11	1	0.2	1	0.075	1
2.56	0	2.56	0	0.03	1	0.025	1	0.029	1	0.048	1	0.39	0

2.39	0	2.39	0	0.03	1	0.47	1	0.44	1	0.67	1	0.26	1		
2.41	0	2.41	0	0.03	1	0.086	1	0.078	1	0.12	1	0.042	1		
2.33	0	2.33	0	0.03	1	0.02	1	0.019	1	0.037	1	0.39	0		
2.31	0	2.31	0	1.21	1	0.56	1	0.083	1	0.37	1	0.13	1		
2.21	0	2.21	0	0.03	1	0.54299	1	0.181	1	0.181	1	0.181	1		
2.23	0	2.23	0	0.03	1	0.181	1	0.181	1	0.181	1	0.181	1		
2.24	0	2.24	0	0.03	1	0.181	1	0.181	1	0.181	1	0.181	1		
2.24	0	2.24	0	0.0275	1	0.181	1	0.181	1	0.181	1	0.181	1		
2.54	0	2.54	0	0.029	1	0.181	1	0.181	1	0.181	1	0.181	1		
2.78	0	2.78	0	0.0275	1	0.181	1	0.181	1	0.181	1	0.181	1		
2.83	0	2.83	0	0.0275	1	0.181	1	0.181	1	0.181	1	0.181	1		
2.28	0	2.28	0			0.181	1	0.181	1	0.181	1	0.181	1		
2.51	0	2.51	0			0.773	1	0.181	1	0.181	1	0.181	1		
2.36	0	2.36	0			1.58	1	0.181	1	0.181	1	0.181	1		
2.75	0	2.75	0			0.181	1	0.181	1	0.181	1	0.181	1		
2.44	0	2.44	0			0.165	1	0.165	1	0.165	1	0.165	1		
3.16	0	3.16	0			0.175	1	0.175	1	0.175	1	0.175	1		
2.34	0	2.34	0			1.645	1	1.645	1	1.645	1	1.645	1		
2.34	0	2.34	0			0.165	1	0.165	1	0.165	1	0.165	1		
2.3	0	2.3	0												
2.53	0	4.8	1												
2.1	0	2.1	0												
2.25	0	2.25	0												
2.29	0	2.29	0												
2.18	0	2.18	0												
2.18	0	2.18	0												
2.29	0	2.29	0												
2.13	0	2.13	0												
2.27	0	2.27	0												
2.18	0	2.18	0												
2.2	0	2.2	0												
2.36	0	2.36	0												
2.2	0	2.2	0												
2.29	0	2.29	0												
2.53	0	2.53	0												
2.39	0	2.39	0												
2.36	0	2.36	0												
2.31	0	2.31	0												
2.41	0	2.41	0												
2.4	0	2.4	0												
2.41	0	2.41	0												
2.53	0	2.53	0												
2.23	0	9.1	1												
2.26	0	2.26	0												
2.4	0	2.4	0												
2.48	0	2.48	0												
2.2	0	2.2	0												
2.15	0	2.15	0												
2.33	0	2.33	0												
2.58	0	2.58	0												
2.47	0	2.47	0												
2.37	0	2.37	0												
2.38	0	2.38	0												
2	0	2	0												

2.4	0	2.4	0
2.31	0	2.31	0
2.29	0	2.29	0
2.37	0	3.3	1
2.23	0	2.23	0
2.23	0	2.23	0
2.23	0	2.23	0
2.24	0	2.24	0
2.18	0	2.18	0
2.17	0	2.17	0
2.27	0	2.27	0
2.35	0	2.35	0
2.14	0	2.14	0
2.07	0	5.2	1
2.13	0	4.3	1
2.17	0	2.17	0
2.14	0	2.14	0
2.2	0	2.2	0
2.09	0	2.09	0
2.07	0	2.07	0
2.3	0	2.3	0
2.1	0	2.1	0
2.13	0	2.13	0
2.23	0	2.23	0
2.19	0	2.19	0
2.12	0	2.12	0
2.3	0	2.3	0
2.41	0	2.41	0
2.31	0	2.31	0
2.24	0	2.24	0
2.12	0	2.12	0
2.28	0	2.28	0
2.36	0	2.36	0
2.16	0	2.16	0
2.08	0	2.08	0
2.38	0	2.38	0
2.01	0	2.01	0
0.031	1	0.039	0
0.77	1	3.6	1
2.2	1	6	1
0.39	1	2	1
0.48	1	0.46	1
0.044	1	0.1	1
0.8	1	1.5	1
0.26	1	0.43	1
0.078	0	0.54	1
0.25	1	0.76	1
0.038	0	0.071	1
0.039	0	0.44	1
0.038	0	0.032	1
0.04	0	0.056	1
1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	1.21	1

1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	1.21	1
1.21	1	25.2	1
1.21	1	1.21	1
1.095	1	1.095	1
1.165	1	1.165	1
1.095	1	1.095	1
1.095	1	1.095	1

Chromium	D_Chromiu	Dibenzo(a,h)a	D_Dibenzo	Dibromoch	D_Dibromo	Dichlorome	D_Dichloro	Ethyl benzı	D_Ethyl be	Indeno(1,2,3-	D_Indeno(1,2	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercury	Naphthalene	D_Naphthalei	n-Butylbenz
2.21	1	0.064	1	0.00019	0	0.00017	0	0.00004	0	0.13	1	625	1	742	1	12.3	1	0.045	1	0.00011
3.57	1	0.012	1	0.00023	0	0.00033	1	0.00005	0	0.025	1	3600	1	9.69	1	0.892	1	0.00769	1	0.00013
3.18	1	0.0006	1	0.00017	0	0.00015	0	0.00004	0	0.0022	1	500	1	5.54	1	0.206	1	0.0012	1	0.00009
2.7	0	0.00028	0	2.7	0	2.7	0	2.7	0	0.00016	0	2400	1	38.6	1	9.63	1	0.00038	1	7.5
11.5	1	0.4	1	0.006	0	0.006	0	0.006	0	0.48	1	20300	1	10.2	1	3.01	1	0.12	1	3.3
10.4	1	0.00028	0	0.006	0	0.006	0	0.006	0	0.00026	1	17900	1	11.1	1	2.13	1	0.00051	1	0.05999
6.1	1	2.7	1	0.005	0	0.005	0	0.005	0	2.2	1	5340	1	37.6	1	9.14	1	0.38	0	0.05999
6.2	1	0.39	0	0.006	0	0.005	0	0.006	0	1.7	1	8830	1	1.38	1	0.023	1	0.39	0	0.05999
4	1	0.43	0	0.006	0	0.006	0	0.006	0	0.43	0	32.7	1	73.8	1	0.517	1	0.43	0	0.05999
11	1	0.73	0	0.005	0	0.005	0	0.005	0	0.73	0	8950	1	3.71	1	0.0394	1	0.73	0	0.09
6.5	1	0.46	0	0.006	0	0.006	0	0.006	0	0.46	0	11600	1	16.1	1	0.03999	0	0.46	0	0.05
3.3	1	0.37	0	0.10999	0	0.10999	0	0.10999	0	0.37	0			326	1	17.4	1	0.37	0	0.05
		0.38	0	0.10999	0	0.10999	0	0.10999	0	0.38	0			163	1	12.1	1	0.38	0	0.05999
		5.53	0	0.05999	0	0.05999	0	0.05999	0	5.53	0			334	1	0.84799	1	5.53	0	0.05
		0.31	0	0.05999	0	0.05999	0	0.05999	0	0.31	0			454	1	0.14499	1	0.31	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			99.7	1	1.32	1	0.31999	0	0.05
		0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0			380	1	2.02	1	0.36	0	0.05999
		0.36	0	0.05	0	0.05	0	0.05	0	0.36	0			129	1	2.39	1	0.36	0	0.05999
		0.40999	0	0.05	0	0.05	0	0.05	0	0.40999	0			269	1	2.76	1	0.40999	0	0.18
		0.33	0	0.05	0	0.05	0	0.05	0	0.33	0			256	1	1.77	1	0.33	0	0.05
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			297	1	8.91	1	0.33	0	0.05999
		0.33	0	0.05	0	0.05	0	0.05	0	0.33	0			119	1	0.62999	0	0.33	0	0.05999
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			102	1	0.6	0	0.34999	0	0.05999
		0.34	0	0.05	0	0.05	0	0.05	0	0.34	0			165	1	0.6	0	0.34	0	0.05
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			12.7	0	12.6	1	0.34	0	0.05999
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			34.7	1	0.34999	1	0.34	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	1	0.31999	0			12	0	0.61	0	0.31999	0	0.05999
		0.33	0	0.05	0	0.05	0	0.05	0	0.33	0			204	1	0.37	1	0.33	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			74.3	1	0.52999	1	0.31999	0	0.05999
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			12.1	0	3.2	1	0.34999	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			11.9	0	10.3	1	0.31999	0	8.85
		0.34	0	0.05	0	0.05	0	0.05	0	0.34	0			61.5	1	2.78	1	0.34	0	8
		0.31	0	0.05999	0	0.05999	0	0.05999	0	0.31	0			374	1	0.34999	1	0.31	0	4.9
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			124	1	0.56	0	0.33	0	18.3
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			198	1	1.72	1	0.34	0	13
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			404	1	0.52999	0	0.33	0	0.05
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			36.5	1	4.27	1	0.31999	0	0.10999
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			994	1	0.31999	1	0.33	0	0.05999
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			131	1	3.58	1	0.34	0	0.05999
		0.34999	0	4.8	1	2.8	0	3.2	1	0.34999	0			288	1	0.52999	0	0.34999	0	0.56
		0.31999	0	3	0	3	0	3	0	0.31999	0			11.4	0	0.55	0	0.31999	0	0.05999
		0.34	0	3.2	0	3.2	0	3.2	0	0.34	0			27.2	1	5.74	1	0.34	0	0.05999
		0.34	0	3.1	0	3.1	0	3.1	0	0.34	0			11	0	14.09	1	0.34	0	0.05999
		0.34999	0	0.05	0	0.05	0	0.05	0	0.34999	0			12.5	1	3.15	1	0.34999	0	0.05999
		0.34	0	0.05999	0	0.05999	0	0.41999	1	0.34	0			10.7	0	0.76999	1	0.34	0	0.07
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			75.3	1	0.74	1	0.34999	0	0.05999
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			27.6	1	0.73	1	0.34999	0	0.07999
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			20.7	1	0.66	1	0.34	0	0.14
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			55.3	1	0.56999	0	1.16	1	0.05999
		0.36	0	0.05999	0	0.05999	0	0.05999	0	0.63999	1			426	1	0.50999	1	0.36	0	0.05999
		0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0			42.5	1	0.54	0	0.38999	0	0.05999
		0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0			433	1	11	1	0.37	0	0.10999
		0.33	0	0.07	0	0.07	0	0.07	0	0.33	0			150	1	3.73	1	0.33	0	0.05999

0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	87.1	1	0.51999	0	0.36	0	0.17
0.36	0	0.07	0	0.07	0	0.38999	1	0.36	0	64.4	1	0.67	1	0.36	0	0.05999
0.37999	0	0.07	0	0.07	0	0.07	0	0.37999	0	72.2	1	0.54	0	0.37999	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	46.6	1	1.23	1	0.34	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	10.8	0	2.15	1	0.34	0	0.05999
0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	215	1	0.68	0	0.36	0	0.05999
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	613	1	5.99	1	0.34999	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	10.5	0	9.36	1	0.37	0	0.12999
0.38999	0	0.05999	0	0.05999	0	0.1	1	0.38999	0	45.7	1	1.69	1	0.38999	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	44.4	1	0.56999	0	0.37	0	0.05999
0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	832	1	0.54	0	0.61	1	0.05
0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	1580	1	0.92	1	0.46	1	0.05999
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	922	1	0.8	1	0.34999	0	0.91
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	51.7	1	0.57999	0	0.34999	0	0.07
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	223	1	0.57999	0	0.34	0	0.07999
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	10.8	0	2.79	1	0.34999	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	11.4	0	0.58999	0	0.34	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	284	1	0.58999	0	0.37	0	0.05
0.36	0	0.05	0	0.05	0	0.05	0	0.36	0	234	1	0.83999	1	0.36	0	0.05999
0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	194	1	0.62999	1	0.36	0	0.05
0.34999	0	0.05999	0	0.05999	0	0.09	1	0.34999	0	412	1	0.56999	0	0.34999	0	0.05999
0.36	0	0.05	0	0.05	0	0.05	0	0.36	0	45	1	0.54	0	0.36	0	0.10999
0.34999	0	0.05	0	0.05	0	0.15999	1	0.34999	0	11.5	0	0.56	0	0.34999	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	22.1	1	0.51999	0	0.34	0	0.05999
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	25.2	1	0.75999	1	0.33	0	0.05
0.36	0	0.05	0	0.05	0	0.05	0	0.36	0	44.1	1	0.56999	0	0.36	0	0.05999
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	83	1	0.55	0	0.33	0	0.05999
3.26	0	0.05	0	0.05	0	0.05	0	3.26	0	131	1	0.50999	1	3.26	0	0.03
0.37999	0	0.05999	0	0.05999	0	0.05999	0	0.37999	0	11.4	0	0.56	0	0.37999	0	0.03
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	26.3	1	0.52999	0	0.34	0	0.03
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	67.2	1	0.56	0	0.33	0	0.03
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	33.9	1	0.88999	1	0.33	0	0.03
0.34	0	0.05	0	0.05	0	0.05	0	0.34	0	513	1	1.29	1	0.34	0	0.03
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	18.7	1	1.58	1	0.34999	0	0.03
0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0	49.2	1	1.35	1	0.31999	0	0.03
0.33	0	0.012	0	0.003	1	0.012	0	0.33	0	104	1	1.72	1	0.33	0	0.03
0.31	0	0.011	0	0.004	1	0.011	0	0.31	0	171	1	0.56	0	0.31	0	0.03
0.34	0	0.011	0	0.035	1	0.011	0	0.34	0	218	1	0.54	0	0.34	0	0.03
0.36	0	0.011	0	0.039	1	0.011	0	0.36	0	19.5	1	2.09	1	0.36	0	0.0275
0.34999	0	0.012	0	0.058	1	0.012	0	0.34999	0	189	1	0.57999	0	0.34999	0	0.029
0.34	0	0.012	0	0.008	1	0.012	0	0.34	0	33.8	1	5.61	1	0.34	0	36.1
0.47999	1	0.012	0	0.006	1	0.012	0	0.31999	0	78.5	1	6.67	1	0.31999	0	0.0275
0.34	0	0.012	0	0.009	1	0.012	0	0.34	0	128	1	20.8	1	0.34	0	
0.34999	0	0.012	0	0.002	1	0.012	0	0.34999	0	1920	1	0.63999	1	0.34999	0	
0.39	0	0.012	0	0.002	1	0.012	0	0.39	0	11.2	0	0.76999	1	0.39	0	
0.37	0	0.012	0	0.038	1	0.012	0	0.11	1	20.9	1	0.57999	0	0.083	1	
0.12	1	0.012	0	0.002	1	0.008	1	0.36	1	1.93	1	0.51999	0	0.081	1	
0.36	0	0.012	0	0.002	1	0.012	0	0.059	1	45	1	0.89999	1	0.065	1	
0.4	0	0.012	0	0.01	1	0.012	0	0.074	1	157	1	0.6	0	0.17	1	
0.39	0	11	0	11	0	11	0	0.39	0	3000	1	3.84	1	0.31	1	
0.18	1	0.03	1	0.03	1	39	1	0.51	1	205	1	0.57999	0	0.14	1	
0.41	0	0.03	1	0.03	1	12.7	1	0.065	1	234	1	0.89999	1	0.059	1	
0.39	0	0.03	1	0.03	1	20.8	1	0.088	1	22.4	1	0.62999	0	0.036	1	
0.39	0	0.03	1	0.03	1	0.03	1	0.39	0	13.8	1	1.74	1	0.39	0	

0.081	1	0.03	1	0.03	1	3.35	1	0.2	1
0.39	0	0.03	1	0.03	1	0.03	1	0.052	1
0.39	0	0.03	1	0.03	1	0.03	1	0.39	0
0.4	0	0.03	1	0.03	1	28.6	1	0.096	1
45	0	0.03	1	0.03	1	0.03	1	1.11	1
0.181	1	0.03	1	0.03	1	0.03	1	0.181	1
0.181	1	0.03	1	0.03	1	0.03	1	0.181	1
0.181	1	0.0275	1	0.0275	1	0.0275	1	0.181	1
0.181	1	0.029	1	2.33	1	0.029	1	0.181	1
0.181	1	0.0275	1	3.17	1	1.55	1	0.181	1
0.181	1	0.0275	1	0.94499	1	0.0275	1	0.181	1
0.181	1							0.181	1
0.181	1							0.181	1
0.181	1							0.181	1
0.181	1							0.181	1
0.181	1							0.165	1
0.165	1							0.175	1
0.175	1							1.645	1
1.645	1							0.165	1
0.165	1								

57.4	1	0.58999	0	0.042	1
105	1	2.04	1	0.85	1
107	1	0.56999	0	0.39	0
70.5	1	3.97	1	0.4	0
157	1	0.56999	1	18	1
33.2	1	18.1	1	0.181	1
325	1	0.55	1	0.181	1
22.7	1	12.4	1	0.181	1
16.6	1	3.51	1	0.181	1
11.8	0	0.55	0	0.181	1
321	1	0.77999	1	0.181	1
72	1	0.56	0	0.181	1
26.3	1	0.56	0	7.28	1
62.6	1	3.16	1	0.71299	1
57.5	1	6.07	1	9.26	1
53.7	1	13	1	0.181	1
12	0	0.91	1	0.165	1
305	1	1.43	1	0.175	1
80.3	1	0.58999	0	51.2	1
91.6	1	1.31	1	0.165	1
42.9	1	10	1		
69	1	10	1		
11.2	0	0.58999	0		
520	1	0.56999	0		
876	1	0.57999	0		
1100	1	0.64999	1		
80.9	1	0.56999	0		
653	1	5	1		
204	1	1.02	1		
347	1	4.58	1		
86.2	1	0.89999	1		
232	1	0.56	0		
11.7	0	0.56999	0		
22.5	1	5.08	1		
77.1	1	0.73	1		
37.4	1	0.56999	0		
11.3	0	4.04	1		
436	1	10.4	1		
33.6	1	2.66	1		
65.9	1	2.63	1		
20.1	1	2.37	1		
12.5	0	20.8	1		
628	1	0.56999	0		
104	1	0.62999	0		
24.8	1	0.81999	1		
327	1	1.63	1		
62.6	1	0.57999	0		
71.5	1	0.6	0		
32	1	0.6	0		
15.4	1	2.73	1		
246	1	0.77999	1		
46.2	1	1.89	1		
137	1	0.56	0		
4430	1	0.6	0		

160	1	0.70999	1
81.2	1	0.55	0
12.7	1	0.54	0
207	1	0.57999	0
214	1	2.16	1
383	1	2.55	1
53.7	1	2.14	1
112	1	0.56	0
12	0	2.03	1
29.7	1	0.67	1
26.3	1	0.76999	1
32.8	1	0.56999	0
468	1	0.56999	0
231	1	1.18	1
29	1	0.62	0
132	1	0.64999	0
65.8	1	1.52	1
169	1	0.64999	0
249	1	0.64999	0
265	1	0.58999	0
176	1	0.57999	0
559	1	0.56	0
95.6	1	0.57999	0
239	1	0.56999	0
74.7	1	0.75999	1
122	1	1.44	1
218	1	0.56	1
285	1	3.82	1
91.1	1	10.4	1
507	1	9.92	1
38.9	1	2.86	1
20.3	1	0.55	0
98.7	1	17.2	1
134	1	19.4	1
418	1	0.56	0
366	1	0.56	0
11.4	0	0.56	0
66	1	5.18	1
368	1	2.13	1
48.2	1	0.62	1
145	1	1.54	1
116	1	8.63	1
281	1	3.3	1
34.4	1	1.71	1
19.2	1	3.91	1
116	1	9.11	1
541	1	9.98	1
44.6	1	15.4	1
14.5	1	3.81	1
186	1	18.5	1
299	1	7.19	1
996	1	15.4	1
3650	1	6.27	1
99.1	1	3.96	1

90.1	1	1.63	1
23.2	1	14.6	1
153	1	6.9	1
20.3	1	2.14	1
111	1	0.56999	0
85.1	1	0.87999	1
167	1	0.57999	0
66.2	1	0.56	0
159	1	0.52999	0
51.6	1	0.56999	0
97.2	1	0.58999	0
501	1	4.32	1
220	1	1.76	1
76.6	1	0.95999	1
197	1	0.8	1
105	1	0.1	1
52.4	1	3.2	1
11.5	0	9.2	1
131	1	1.2	1
146	1	2.9	1
289	1	0.00999	0
454	1	3.3	1
339	1	0.36	1
11.8	0	0.68999	1
54.6	1	0.41999	1
51	1	0.49	1
104	1	3.9	1
124	1	0.18999	1
25.1	1	1.2	1
119	1	0.05	0
128	1	0.302	1
65	1	0.302	1
346	1	0.302	1
63.9	1	0.302	1
122	1	0.302	1
124	1	0.302	1
93.4	1	0.302	1
185	1	0.302	1
821	1	0.302	1
931	1	0.85699	1
63.8	1	0.302	1
393	1	1.26	1
190	1	0.275	1
175	1	0.29	1
37.2	1	0.275	1
9.22	1	0.275	1
15	1		
62	1		
20.2	1		
7.33	1		
8.77	1		
143	1		
355	1		
8.42	1		

256	1
40.1	1
12.8	1
51	1
2.915	1
234	1
95.9	1

D_n-Butylb	n-Propylber	D_n-Propyl	Vanadium	D_Vanadium
0	0.00007	0	28.8	1
0	0.00008	0	4.42	1
0	0.00006	0	4.75	1
1	1.81	1	2.63	1
1	3	1	12.3	1
0	0.05999	0	2.18	1
0	0.05999	0	9.9	1
0	0.05999	0	61	1
0	0.05999	0	59.1	1
1	0.05	0	29.4	1
0	0.05	0	22.5	1
0	0.05	0	19.1	1
0	0.05999	0	17.8	1
0	0.05	0	14.5	1
0	0.05999	0		
0	0.05	0		
0	0.05999	0		
0	0.05999	0		
1	0.05999	0		
0	0.05	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
1	20.8	1		
1	2.8	0		
1	3	0		
1	3.2	0		
1	3.1	0		
0	0.05	0		
1	0.05999	0		
0	0.05999	0		
0	0.05999	0		
1	0.07	1		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.10999	1		
0	0.05999	0		
1	0.07999	1		
1	0.07	0		
0	0.10999	1		
1	0.05999	0		
0	0.05999	0		
1	0.05999	0		
0	0.21999	1		

1	0.31	1
0	0.21999	1
0	0.2	1
0	0.05999	0
0	0.05999	0
0	0.05999	0
0	0.05999	0
1	0.07	1
0	0.05999	0
0	0.05999	0
0	0.05	0
0	0.10999	1
1	0.07999	1
1	0.05	0
1	0.05	0
0	0.05999	0
0	0.05999	0
0	0.05	0
0	0.05999	0
0	0.05	0
0	0.05999	0
1	0.05999	0
0	0.05999	0
0	0.05999	0
0	0.05	0
0	0.05999	0
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.03	1
1	0.0275	1
1	0.029	1
1	3.36	1
1	0.0275	1

1,2,4-Trim	D_1,2,4-T	1-Methyl Napht	D_1-Methyl Na	Aluminum	D_Aluminum	Antimony	D_Antimony	Aroclor-1254	D_Aroclor-125	Aroclor-1260	D_Aroclor-126	Aroclor-1268	D_Aroclor-126	Arsenic	D_Arsenic	Benzo(a)anthr	D_Benzo(a)an
0.00011	0	0.37999	0	2180	1	0.11999	1	0.0019	0	0.061	0	0.48	1	2.1	1	20	1
0.00013	0	0.31999	0	1840	1	0.05	1	0.0017	0	0.029	0	0.2	1	0.6	1	0.0083	1
0.00011	0	0.31999	0	4100	1	0.05	1	0.0078	0	0.018	0	0.14	1	0.38999	1	0.13	1
0.00011	0	0.31	0	1980	1	0.15	1	0.019	0	0.019	0	1.5	1	0.28	1	0.058	1
0.00012	0	0.31999	0	511	1	0.324	1	0.0019	0	0.034	0	0.35	1	0.18	0	0.014	1
0.00011	0	0.31999	0	3400	1	0.056	1	0.02	1	0.025	0	0.16	1	0.37999	1	0.095	1
0.00011	0	0.31999	0	3150	1	0.03799	1	0.037	0	0.05	0	0.27	1	0.33	1	0.0091	1
0.00013	0	0.31	0	3270	1	0.05	1	0.0019	0	0.057	0	0.46	1	0.4	1	0.22	1
0.00013	0	0.31	0	2170	1	0.037	1	0.27	1	0.021	0	3.2	1	2.84	1	0.00068	1
0.05	0	0.31999	0	3680	1	0.04699	1	0.3	1	0.055	0	52	1	2.2	0	0.041	1
0.05999	0	0.31	0	3070	1	0.056	1	0.00469	1	0.00209	0	0.053	1	2.1	0	0.038	1
0.05999	0	0.31999	0	2000	1	0.04399	1	0.057	1	0.012	0	1.1	1	6	0	0.22	1
0.05999	0	0.31999	0	2500	1	0.06499	1	0.0032	1	0.00209	0	0.09	1	2.5	1	0.00209	1
0.05999	0	0.3	0	3000	1	13	0	0.0043	1	0.00209	0	0.079	1	2	0	0.399	0
0.05999	0	0.3	0	1600	1	13	0	0.15	0	0.087	0	1.2	1	1.5	0	0.399	0
0.05	0	0.34	0	1700	1	22	1	0.015	1	0.00209	0	1	1	1.5	0	0.399	0
0.05999	0	0.34999	0	4300	1	1.1	0	0.0036	1	0.00209	0	0.075	1	1.6	0	0.399	0
0.05	0	0.34	0			1.1	0	2.29	1	0.0399	0	9.06	1			1.2	0
0.05	0	0.74	1			1.1	1	1.14	1	0.0399	0	4.35	1			0.37	0
0.05	0	0.31999	0			1.1	0	1.59	0	1.59	0	26.6	1			0.35	0
0.05	0	0.33	0			2.5	1	0.145	1	0.0399	0	2.17	1			0.31999	0
0.05	0	0.34	0					0.199	0	0.199	0	3.02	1			0.33	0
0.05	0	0.34999	0					0.0399	0	0.0399	0	0.374	1			0.36	0
0.05	0	0.34999	0					0.0386	0	0.0386	0	0.0386	0			0.36	0
0.05	0	0.34	0					0.392	1	0.0392	0	0.404	1			0.37	0
0.05	0	0.36	0					1.07	1	0.0811	0	3.07	1			0.37	0
0.05	0	0.31999	0					0.0367	0	0.0367	0	0.133	1			0.31	0
0.05	0	0.34999	0					0.0359	0	0.0359	0	0.0359	0			0.31999	0
0.05	0	0.34	0					0.0415	0	0.0415	0	0.0855	1			0.37	0
0.05	0	0.37999	0					0.0368	0	0.0368	0	0.0368	0			0.33	0
0.05	0	0.37999	0					0.0345	0	0.0345	0	0.04179	1			0.37999	0
0.05	0	0.33	0					0.037	0	0.037	0	0.037	0			0.31999	0
0.05	0	0.36	0					0.0358	0	0.0358	0	0.0619	1			0.31999	0
0.05	0	0.38999	0					0.0351	0	0.0351	0	0.0351	0			0.31	0
0.05	0	0.38999	0					0.035	0	0.035	0	0.035	0			0.31999	0
0.05	0	0.34999	0					0.0361	0	0.0361	0	0.0361	0			0.31999	0
0.05999	0	0.34	0					0.038	0	0.038	0	0.038	0			0.31999	0
0.05999	0	0.33	0					0.11	0	0.11	0	0.11	0			0.31	0
0.05999	0	0.41999	1					0.11	0	0.11	0	0.2	1			0.31	0
0.05999	0	0.36	0					2.14	0	2.14	0	2.14	0			0.31999	0
0.05	0	1.27	1					2.23	0	2.23	0	2.23	0			0.31	0
0.05999	0	0.33	0					2.4	0	2.4	0	2.4	0			0.31999	0
0.05999	0	2.02	1					2.39	0	2.39	0	2.39	0			0.31999	0
0.05999	0	0.34	0					2.44	0	2.44	0	2.44	0			0.3	0
0.05999	0	0.34999	0					2.47	0	2.47	0	2.47	0			0.3	0
0.05999	0	0.34	0					2.07	0	2.07	0	2.07	0			0.34	0
0.05999	0	0.34	0					2.1	0	2.1	0	4.4	1			0.34999	0
0.05	0	0.31999	0					2.13	0	2.13	0	3	1			0.34	0
0.05999	0	0.34	0					2.23	0	2.23	0	2.23	0			0.34	0
0.05999	0	0.34	0					2.13	0	2.13	0	2.13	0			0.31999	0
0.05999	0	0.34999	0					2.44	0	2.44	0	2.44	0			0.33	0
0.05999	0	0.34999	0					2.2	0	2.2	0	2.2	0			0.34	0
0.2	1	0.34	0					2.53	0	2.53	0	240	1			0.34999	0

3.2	1	0.33	0	2.11	0	2.11	0	2.11	0	0.34999	0
0.07	0	0.34	0	2.16	0	2.16	0	2.16	0	0.34	0
0.07	0	0.36	0	2.07	0	2.07	0	2.07	0	0.36	0
0.09	1	0.31	0	2.14	0	2.14	0	2.14	0	0.31999	0
0.05999	0	0.3	0	2.15	0	2.15	0	2.15	0	0.34999	0
0.05999	0	0.31	0	2.15	0	2.15	0	2.15	0	0.34	0
0.05999	0	0.31	0	2.08	0	2.08	0	3.11	1	0.37999	0
0.05999	1			2.07	0	2.07	0	2.07	0	4.21	1
0.33	1			2.11	0	2.11	0	2.11	0	0.33	0
0.05999	0			2.08	0	2.08	0	2.08	0	0.36	0
0.11999	1			2.13	0	2.13	0	2.13	0	0.38999	0
0.05999	0			2.12	0	2.12	0	2.12	0	0.38999	0
0.05999	0			2.08	0	2.08	0	2.08	0	0.34999	0
0.05999	0			2.11	0	2.11	0	2.11	0	0.34	0
0.05999	0			2.19	0	2.19	0	2.19	0	0.33	0
0.05	0			2.17	0	2.17	0	2.17	0	0.34	0
0.05999	0			2.07	0	2.07	0	2.07	0	0.36	0
0.05999	0			2.15	0	2.15	0	2.15	0	0.85	1
0.05999	0			2.29	0	2.29	0	2.29	0	0.33	0
0.05999	0			2.31	0	2.31	0	2.31	0	3.84	1
0.05999	0			2.27	0	2.27	0	2.27	0	0.34	0
0.05999	0			2.25	0	2.25	0	2.25	0	0.34999	0
0.05999	0			2.12	0	2.12	0	2.12	0	0.34	0
0.05999	0			2.22	0	2.22	0	2.22	0	0.34	0
0.05	0			2.24	0	2.24	0	2.24	0	0.31999	0
0.05	0			2.31	0	2.31	0	2.31	0	0.34	0
0.05	0			2.31	0	2.31	0	2.31	0	0.34	0
0.05	0			2.26	0	2.26	0	2.26	0	0.34999	0
0.03	1			2.39	0	2.39	0	2.39	0	0.34999	0
0.03	1			2.15	0	2.15	0	2.15	0	0.34	0
0.03	1			2.34	0	2.34	0	2.34	0	0.33	0
0.03	1			2.24	0	2.24	0	2.24	0	0.34	0
0.03	1			2.28	0	2.28	0	2.28	0	0.36	0
0.03	1			2.33	0	2.33	0	2.33	0	0.31	0
0.03	1			2.4	0	2.4	0	2.9	1	0.3	0
0.03	1			2.18	0	2.18	0	2.18	0	0.31	0
0.03	1			3.3	1	2.4	0	2.4	0	0.31	0
0.014	1			2.55	0	2.55	0	2.55	0	6.8	0
0.0115	1			2.35	0	2.35	0	2.35	0	0.35	0
0.011	1			2.56	0	2.56	0	1.95	1	0.35	0
0.0115	1			2.38	0	2.38	0	6	1	0.35	0
0.012	1			12	0	12	0	34	1	0.23	1
0.0105	1			2.36	0	2.36	0	12	1	0.181	1
0.0115	1			2.4	0	2.4	0	7.2	1	0.181	1
0.0105	1			2.38	0	2.38	0	2.38	0	0.181	1
0.0105	1			2.49	0	2.49	0	2.49	0	0.181	1
0.0105	1			2.35	0	2.35	0	2.35	0	0.181	1
0.011	1			2.33	0	2.33	0	2.33	0	0.181	1
0.031	1			2.53	0	2.53	0	2.53	0	0.181	1
0.011	1			2.21	0	2.21	0	12	1	0.181	1
0.011	1			2.4	0	2.4	0	2.4	0	0.181	1
0.011	1			2.6	0	2.6	0	2.6	0	0.181	1
0.012	1			2.62	0	2.62	0	2.62	0	0.181	1
0.011	1			2.65	0	2.65	0	2.65	0	0.2135	1

0.011	1	2.28	0	2.28	0	5.7	1	0.169	1
0.011	1	2.24	0	2.24	0	2.24	0	0.165	1
0.012	1	2.13	0	2.13	0	2.13	0	0.1695	1
0.011	1	2.31	0	2.31	0	2.31	0	0.177	1
0.011	1	2.25	0	2.25	0	2.25	0	0.156	1
0.011	1	2.22	0	2.22	0	2.22	0	0.174	1
0.012	1	2.28	0	2.28	0	2.28	0	0.158	1
0.013	1	2.7	1	2.39	0	6.2	1	0.159	1
0.011	1	2.32	0	2.32	0	2.32	0	0.1605	1
0.0115	1	2.22	0	2.22	0	3.1	1	0.162	1
0.0115	1	2.27	0	2.27	0	2.27	0	0.4675	1
0.011	1	2.27	0	2.27	0	2.27	0	0.168	1
0.011	1	2.27	0	2.27	0	7.9	1	0.1645	1
0.0115	1	2.25	0	2.25	0	2.25	0	0.1665	1
0.012	1	2.31	0	2.31	0	2.3	1	0.182	1
0.0105	1	2.3	0	2.3	0	2.3	0	0.1625	1
0.011	1	2.3	0	2.3	0	2.3	0	0.1635	1
0.011	1	2.16	0	2.16	0	2.16	0	0.167	1
0.012	1	2.28	0	2.28	0	2.28	0	0.1775	1
0.011	1	2.27	0	2.27	0	2.27	0	0.1625	1
0.0115	1	2.33	0	2.33	0	2.33	0	0.162	1
0.01	1	2.35	0	2.35	0	2.35	0	0.1675	1
0.012	1	2.28	0	2.28	0	5.9	1	0.1795	1
0.0115	1	2.21	0	2.21	0	2.21	0	0.194	1
0.0305	1	2.27	0	2.27	0	2.8	1	0.1665	1
0.0305	1	2	0	2	0	10	1	0.173	1
0.0125	1	2.06	0	2.06	0	2.3	1	0.1745	1
0.0115	1	2.12	0	2.12	0	2.12	0	0.163	1
0.012	1	2.07	0	2.07	0	2.07	0	0.1655	1
0.0115	1	2.07	0	2.07	0	2.07	0	0.171	1
0.0115	1	2.09	0	2.09	0	2.09	0	0.182	1
0.0115	1	2.04	0	2.04	0	2.04	0	0.159	1
0.0105	1	2.02	0	2.02	0	2.02	0	0.162	1
0.011	1	2.11	0	2.11	0	2.7	1	0.163	1
0.0105	1	2.08	0	2.08	0	2.08	0	0.182	1
0.011	1	2.07	0	2.07	0	2.07	0	0.1685	1
0.0105	1	2.06	0	2.06	0	2.06	0	0.1545	1
0.011	1	2.06	0	2.06	0	2.06	0	0.19	1
0.011	1	2.09	0	2.09	0	2.09	0	0.171	1
0.011	1	2.05	0	2.05	0	2.05	0	0.1535	1
0.0145	1	0.034	0	0.034	0	0.37	1	0.18	1
0.0115	1	0.035	0	0.035	0	0.23	1	0.1735	1
0.0115	1	0.18	0	0.18	0	1.5	1	0.182	1
0.012	1	0.36	0	0.36	0	2.6	1	0.183	1
0.0285	1	2.31	0	2.31	0	2.31	0	0.1895	1
0.028	1	2.28	0	2.28	0	2.28	0	0.1715	1
0.027	1	2.35	0	2.35	0	2.35	0	0.178	1
0.15299	1	2.29	0	2.29	0	2.29	0	0.1705	1
0.0265	1	2.32	0	2.32	0	2.32	0	0.1695	1
0.027	1	2.35	0	2.35	0	2.35	0	0.1695	1
0.028	1	2.49	0	2.49	0	2.49	0	0.158	1
0.0275	1	3.36	0	3.36	0	3.36	0	0.165	1
0.029	1	2.67	0	2.67	0	2.67	0	0.158	1
0.028	1	2.51	0	2.51	0	2.51	0	0.1625	1

0.0285	1	2.22	0	2.22	0	2.22	0	0.1575	1
0.028	1	2.01	0	2.01	0	1.37	1	0.1625	1
0.0285	1	2.01	0	2.01	0	1.76	1	0.1625	1
0.028	1	2.01	0	2.01	0	9.51	1	0.1655	1
0.028	1	2.02	0	2.02	0	1.7	1	0.2145	1
0.0285	1	2.01	0	2.01	0	2.01	0	0.1715	1
0.0285	1	2.17	0	2.17	0	2.17	0	0.1695	1
0.0275	1	2.15	0	2.15	0	2.15	0	0.1775	1
0.0275	1	2.18	0	2.18	0	2.18	0	0.1715	1
0.027	1	2.19	0	2.19	0	2.19	0	0.40999	1
0.027	1	2.21	0	2.21	0	2.21	0	0.161	1
0.0295	1	2.24	0	2.24	0	2.24	0	0.167	1
0.027	1	0.018	0	0.018	0	0.9	1	0.158	1
0.0275	1	0.017	0	0.017	0	0.017	0	0.162	1
0.027	1	0.018	0	0.018	0	0.034	1	0.167	1
0.0285	1	0.017	0	0.017	0	0.095	1	0.1635	1
0.027	1	0.017	0	0.017	0	0.18	1	0.1735	1
0.027	1	0.017	0	0.017	0	0.23	1	0.49	1
0.0265	1	0.017	0	0.017	0	0.45	1	0.171	1
0.0265	1	0.017	0	0.017	0	0.9	1	0.1665	1
0.0275	1	0.035	0	0.035	0	12	1	0.17	1
0.0265	1	0.035	0	0.035	0	0.18099	1	0.93999	1
0.027	1	0.036	0	0.036	0	0.0605	1	0.1675	1
0.027	1	0.035	0	0.035	0	0.605	1	1.83	1
0.027	1	6.9	1	160	1	0.0605	1	0.37999	1
0.03	1	0.0605	1	0.0605	1	0.0605	1	2.72	1
0.03	1	0.0605	1	0.0605	1	0.0605	1	0.6	1
0.03	1	0.605	1	0.605	1	0.0605	1	0.1615	1
0.0285	1	0.0605	1	0.0605	1	1.21	1	0.162	1
0.0275	1	0.0605	1	0.0605	1	4.57	1	0.41999	1
0.0285	1	0.0605	1	0.0605	1	1.21	1	0.1605	1
0.0305	1	0.0605	1	0.0605	1	1.21	1	0.1635	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.161	1
0.027	1	1.21	1	1.21	1	3.62	1	0.1725	1
0.0275	1	1.21	1	1.21	1	1.21	1	0.163	1
0.029	1	6.76	1	1.21	1	3.26	1	0.163	1
0.029	1	1.21	1	1.21	1	1.21	1	0.1595	1
0.0285	1	1.21	1	1.21	1	6.16	1	0.1575	1
0.25	1	1.21	1	1.21	1	1.21	1	0.1655	1
0.0305	1	1.21	1	12.6	1	57.246	1	0.16	1
0.0305	1	1.21	1	1.21	1	24.155	1	0.163	1
0.029	1	1.21	1	1.21	1	20.531	1	0.1625	1
0.029	1	1.21	1	1.21	1	57.246	1	0.162	1
0.03	1	1.2075	1	16.425	1	1.21	1	0.181	1
0.0305	1	1.2075	1	17.391	1	1.21	1	2.63	1
0.0285	1	1.2075	1	7.367	1	3.02	1	1.81	1
0.03	1	1.2075	1	166.66701	1	21.5	1	0.172	1
0.03	1	1.21	1	1.21	1	12.1	1	0.1655	1
0.143	1	1.21	1	1.21	1	2.51	1	3.4405	1
0.031	1	1.21	1	1.21	1	1.21	1	3.641	1
0.028	1	1.21	1	1.21	1	33.8	1	1.79	1
0.111	1	12.2	1	10.5	1	3.65	1	3.6	1
0.0275	1	1.21	1	1.21	1	1.21	1	0.165	1
0.0285	1	1.21	1	1.21	1	1.21	1	0.74	1

0.0315	1			109	1	785	1	1.21	1	0.38999	1
0.028	1			1.365	1	1.365	1	1.21	1	0.17	1
0.0295	1			1.21	1	1.21	1	1.21	1	0.18	1
0.0295	1			1.21	1	1.21	1	1.21	1	0.18	1
0.029	1			1.21	1	1.21	1	1.21	1	0.18	1
0.0265	1			1.21	1	1.21	1	1.21	1	0.175	1
0.027	1			1.21	1	1.21	1	1.21	1	0.175	1
0.0255	1			1.21	1	1.21	1	1.21	1	0.18	1
0.0285	1			1.21	1	1.21	1	1.21	1	0.18	1
0.026	1			1.21	1	1.21	1	1.425	1	2.75	1
0.0255	1			1.21	1	1.21	1	1.125	1	0.18	1
0.0265	1			1.21	1	1.21	1	1.1	1	0.18	1
0.0255	1			1.21	1	1.21	1	1.13	1	1.25	1
0.025	1			1.425	1	1.425	1	1.18	1	0.185	1
0.0255	1			1.125	1	1.125	1	1.04	1	0.17	1
0.026	1			1.1	1	1.1	1	1.16	1	0.355	1
0.026	1			1.13	1	1.13	1	1.055	1	5.2	1
0.0275	1			1.18	1	1.18	1	1.06	1	5.3	1
0.0275	1			1.04	1	1.04	1	1.07	1	1.41	1
0.0265	1			1.16	1	1.16	1	1.08	1	3.23	1
0.028	1			1.055	1	1.055	1	3.115	1	0.18	1
0.027	1			1.06	1	1.06	1	1.12	1	0.18	1
				1.07	1	1.07	1	1.1	1	0.175	1
				1.08	1	1.08	1	1.11	1	0.16	1
				3.115	1	3.115	1	1.215	1	0.16	1
				1.12	1	1.12	1	1.085	1	0.155	1
				1.1	1	1.1	1	1.09	1	0.17	1
				1.11	1	1.11	1	1.115	1	0.155	1
				1.215	1	1.215	1	1.185	1	0.155	1
				1.085	1	1.085	1	1.085	1	0.16	1
				1.09	1	1.09	1	1.08	1	3.035	1
				1.115	1	1.115	1	1.115	1	3.025	1
				1.185	1	1.185	1	1.195	1	3.07	1
				1.085	1	1.085	1	1.295	1	0.16	1
				1.08	1	1.08	1	1.11	1	1.56	1
				1.115	1	1.115	1	1.152	1	0.165	1
				1.195	1	1.195	1	1.164	1	0.165	1
				1.295	1	1.295	1	1.087	1	0.16	1
				1.11	1	1.11	1	1.1025	1	1.665	1
				1.152	1	1.152	1	1.1405	1	0.16	1
				1.164	1	1.164	1	1.2135	1		
				1.087	1	1.087	1	1.0605	1		
				1.1025	1	1.1025	1	1.081	1		
				1.1405	1	1.1405	1	1.088	1		
				1.2135	1	1.2135	1	1.212	1		
				1.0605	1	1.0605	1	1.1225	1		
				1.081	1	1.081	1	1.031	1		
				1.088	1	1.088	1	1.2675	1		
				1.212	1	1.212	1	1.139	1		
				1.1225	1	1.1225	1	1.0225	1		
				1.031	1	1.031	1	1.2005	1		
				1.2675	1	1.2675	1	1.1575	1		
				1.139	1	1.139	1	1.212	1		
				1.0225	1	1.0225	1	1.2195	1		

1.2005	1	1.2005	1	1.264	1
1.1575	1	1.1575	1	5.9	1
1.212	1	1.212	1	1.186	1
1.2195	1	1.2195	1	1.1375	1
1.264	1	1.264	1	1.1285	1
1.144	1	1.144	1	1.13	1
1.186	1	1.186	1	1.0525	1
1.1375	1	1.1375	1	1.1	1
1.1285	1	1.1285	1	1.055	1
1.13	1	1.13	1	1.0825	1
1.0525	1	1.0525	1	1.0515	1
1.1	1	1.1	1	1.0845	1
1.055	1	1.055	1	1.0845	1
1.0825	1	1.0825	1	1.1025	1
1.0515	1	1.0515	1	1.4305	1
1.0845	1	1.0845	1	1.144	1
1.0845	1	1.0845	1	1.1285	1
1.1025	1	1.1025	1	1.185	1
1.4305	1	1.4305	1	1.144	1
1.144	1	1.144	1	5.64	1
1.1285	1	1.1285	1	1.073	1
1.185	1	1.185	1	1.115	1
1.144	1	1.144	1	1.055	1
1.12	1	1.12	1	1.081	1
1.073	1	1.073	1	1.1135	1
1.115	1	1.115	1	1.0905	1
1.055	1	1.055	1	1.1575	1
1.081	1	1.081	1	1.1135	1
1.1135	1	1.1135	1	1.1405	1
1.0905	1	1.0905	1	1.111	1
1.1575	1	1.1575	1	1.1325	1
1.1135	1	1.1135	1	1.1235	1
1.1405	1	1.1405	1	1.1175	1
1.111	1	1.111	1	1.143	1
1.1325	1	1.1325	1	1.139	1
1.1235	1	1.1235	1	1.094	1
1.1175	1	1.1175	1	1.0915	1
1.143	1	1.143	1	2.153	1
1.139	1	1.139	1	2.1575	1
1.094	1	1.094	1	2.353	1
1.0915	1	1.0915	1	2.1415	1
2.153	1	2.153	1	2.181	1
2.1575	1	2.1575	1	2.1435	1
2.353	1	2.353	1	2.299	1
2.1415	1	2.1415	1	2.1765	1
2.181	1	2.181	1	2.174	1
2.1435	1	2.1435	1	2.13	1
2.299	1	2.299	1	2.103	1
2.1765	1	2.1765	1	2.2075	1
2.174	1	2.174	1	1.066	1
2.13	1	2.13	1	1.086	1
2.103	1	2.103	1	1.0825	1
2.2075	1	2.2075	1	1.0785	1
1.066	1	1.066	1	10.1	1

1.086	1	1.086	1	2.77	1
1.0825	1	1.0825	1	1.205	1
1.0785	1	1.0785	1	12.3	1
1.2075	1	1.2075	1	1.148	1
1.199	1	1.199	1	1.105	1
1.205	1	1.205	1	1.147	1
1.1455	1	1.1455	1	1.2135	1
1.148	1	1.148	1	14.6	1
1.105	1	1.105	1	6.75	1
1.147	1	1.147	1	1.1015	1
1.2135	1	1.2135	1	4.12	1
1.1495	1	1.1495	1	7.26	1
1.0895	1	1.0895	1	3.36	1
1.1015	1	1.1015	1	1.21	1
1.25	1	1.25	1	9.56	1
1.395	1	1.395	1	4.38	1
1.245	1	1.245	1	1.14	1
1.21	1	1.21	1	1.19	1
1.15	1	1.15	1	1.22	1
1.15	1	1.15	1	1.21	1
1.14	1	1.14	1	1.16	1
1.19	1	1.19	1	1.165	1
1.22	1	1.22	1	1.205	1
1.21	1	1.21	1	1.215	1
1.16	1	1.16	1	17	1
1.165	1	1.165	1	1.195	1
1.205	1	1.205	1	1.21	1
1.215	1	1.215	1	14.3	1
1.145	1	1.145	1	1.24	1
1.195	1	1.195	1	1.13	1
1.21	1	1.21	1	1.18	1
1.265	1	1.265	1	1.095	1
1.24	1	1.24	1	1.15	1
1.13	1	1.13	1	1.27	1
1.18	1	1.18	1	1.12	1
1.095	1	1.095	1	1.18	1
1.15	1	1.15	1	1.19	1
1.27	1	1.27	1	3.19	1
1.12	1	1.12	1	3.23	1
1.18	1	1.18	1	1.15	1
1.19	1	1.19	1	1.07	1
1.01	1	1.01	1	1.08	1
1.02	1	1.02	1	9.12	1
1.15	1	1.15	1	19.5	1
1.07	1	1.07	1	1.015	1
1.08	1	1.08	1	6.88	1
1.055	1	1.055	1	1.04	1
2.15	1	2.15	1	1.02	1
1.015	1	1.015	1	1.06	1
1.145	1	1.145	1	1.01	1
1.04	1	1.04	1	1.01	1
1.02	1	1.02	1	1.025	1
1.06	1	1.06	1	1.05	1
1.01	1	1.01	1	1.04	1

1.01	1	1.01	1	1.095	1
1.025	1	1.025	1	1.095	1
1.05	1	1.05	1	1.06	1
1.04	1	1.04	1	1.11	1
1.095	1	1.095	1	1.07	1
1.095	1	1.095	1		
1.06	1	1.06	1		
1.11	1	1.11	1		
1.07	1	1.07	1		

Benzo(a)pyren	D_Benzo(a)py	Benzo(b)fluora	D_Benzo(b)flu	Benzo(k)fluora	D_Benzo(k)flu	Chromium	D_Chromiu	Chloroform	D_Chlorofo	Chrysene	D_Chrysen	Cobalt	D_Cobalt	Dibenzo(a,h)an	D_Dibenzo(a,h	Indeno(1,2,3-cc	D_Indeno(1,2,3
16	1	13	1	2.5	1	7.7	1	0.00005	0	30	1	0.79199	1	5.5	1	6	1
0.011	1	0.013	1	0.0032	1	2.63	1	0.00006	0	0.014	1	0.43999	1	0.0033	1	0.00839	1
0.19	1	0.13	1	0.028	1	4.07	1	0.00005	0	0.19	1	0.407	1	0.075	1	0.094	1
0.076	1	0.082	1	0.02	1	2.56	1	0.00005	0	0.071	1	0.142	1	0.02	1	0.052	1
0.015	1	0.022	1	0.014	1	0.56999	1	0.0072	1	0.022	1	0.035	1	0.0039	1	0.012	1
0.098	1	0.05	1	0.051	1	2.44	1	0.00005	0	0.13	1	0.268	1	0.029	1	0.052	1
0.013	1	0.0093	1	0.002	1	3.04	1	0.0065	1	0.011	1	0.20299	1	0.0076	1	0.008	1
0.4	1	0.19	1	0.053	1	2.95	1	0.0012	1	0.33	1	0.135	1	0.092	1	0.18	1
0.00052	1	0.00064	1	0.00032	1	2.96	1	0.00006	0	0.00041	1	0.25699	1	0.00028	0	0.00028	1
0.045	1	0.089	1	0.028	1	3.2	1	0.005	0	0.035	1	11	0	0.012	1	0.042	1
0.043	1	0.032	1	0.00769	1	3.2	1	0.005	0	0.072	1	11	0	0.012	1	0.023	1
0.26	1	0.42	1	0.13	1	54	1	0.05	0	0.27	1	2.9	1	0.049	1	0.22	1
0.0013	1	0.0031	1	0.0008	1	4.4	1	0.05999	0	0.0036	1	2	0	0.00077	1	0.00094	1
0.399	0	0.399	0	0.399	0	3	1	0.05999	0	0.399	0	0.43	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	1.8	1	0.05999	0	0.399	0	0.43	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	2.5	1	0.05999	0	0.399	0	0.43	0	0.399	0	0.399	0
0.399	0	0.399	0	0.399	0	11	1	0.05999	0	0.399	0			0.399	0	0.399	0
1.61	1	1.2	0	1.2	0			0.05	0	1.2	0			1.2	0	1.2	0
0.37	0	0.37	0	0.37	0			0.05999	0	0.37	0			0.37	0	0.37	0
0.35	0	0.35	0	0.35	0			0.05	0	0.35	0			0.35	0	0.35	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.33	0	0.33	0	0.33	0			0.05	0	0.33	0			0.33	0	0.33	0
0.36	0	0.36	0	0.36	0			0.05	0	0.36	0			0.36	0	0.36	0
0.36	0	0.36	0	0.36	0			0.05	0	0.36	0			0.36	0	0.36	0
0.37	0	0.37	0	0.37	0			0.05	0	0.37	0			0.37	0	0.37	0
0.37	0	0.37	0	0.37	0			0.05	0	0.37	0			0.37	0	0.37	0
0.31	0	0.31	0	0.31	0			0.05	0	0.31	0			0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.37	0	0.37	0	0.37	0			0.05	0	0.37	0			0.37	0	0.37	0
0.33	0	0.33	0	0.33	0			0.05	0	0.33	0			0.33	0	0.33	0
0.37999	0	0.37999	0	0.37999	0			0.05	0	0.37999	0			0.37999	0	0.37999	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0			0.05	0	0.31	0			0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.33	1			0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0			0.05	0	0.31	0			0.31	0	0.31	0
0.31	0	0.31	0	0.31	0			0.05999	0	0.31	0			0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0			0.05999	0	0.31999	0			0.31999	0	0.31999	0
0.31	0	0.31	0	0.31	0			0.05999	0	0.31	0			0.31	0	0.31	0
0.31999	0	0.31999	0	0.31999	0			0.05999	0	0.31999	0			0.31999	0	0.31999	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.3	0	0.3	0	0.3	0			0.05999	0	0.3	0			0.3	0	0.3	0
0.3	0	0.3	0	0.3	0			0.05999	0	0.3	0			0.3	0	0.3	0
0.34	0	0.34	0	0.34	0			0.05999	0	0.34	0			0.34	0	0.34	0
0.34999	0	0.34999	0	0.34999	0			0.05999	0	0.34999	0			0.34999	0	0.34999	0
0.34	0	0.34	0	0.34	0			0.05999	0	0.34	0			0.34	0	0.34	0
0.57999	1	0.34	0	0.34	0			0.05999	0	0.46	1			0.34	0	0.34	0
0.31999	0	0.31999	0	0.31999	0			0.05	0	0.31999	0			0.31999	0	0.31999	0
0.33	0	0.33	0	0.33	0			0.05999	0	0.33	0			0.33	0	0.33	0
0.34	0	0.34	0	0.34	0			0.05999	0	0.34	0			0.34	0	0.34	0
0.34999	0	0.34999	0	0.34999	0			0.05999	0	0.34999	0			0.34999	0	0.34999	0

0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.25	0	0.36	0	0.36	0	0.36	0		
0.31999	0	0.31999	0	0.31999	0	0.07	0	0.31999	0	0.31999	0	0.31999	0		
0.34999	0	0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.37999	0	0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
0.38999	0	0.38999	0	0.38999	0	0.28999	0	0.38999	0	0.38999	0	0.38999	0		
0.38999	0	0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.1	1	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
0.34	0	2.08	1	2.61	1	0.05999	0	1.01	1	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0		
1.17	1	0.34999	0	0.34999	0	0.05	0	1.03	1	0.34999	0	0.34999	0		
0.33	0	0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0		
2.87	1	1.86	1	1.96	1	0.05999	0	4.3	1	0.34	0	1.37	1		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.31999	0	0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0		
0.34	0	0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
0.34999	0	0.34999	0	0.34999	0	0.05	0	0.34999	0	0.34999	0	0.34999	0		
0.34999	0	0.34999	0	0.34999	0	0.05	0	0.34999	0	0.34999	0	0.34999	0		
0.34	0	0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0		
0.33	0	0.33	0	0.33	0	0.072	0	0.33	0	0.33	0	0.33	0		
0.34	0	0.6	1	0.4	1	0.011	0	0.54	1	0.34	0	0.34	0		
0.36	0	0.36	0	0.36	0	0.011	0	0.36	0	0.36	0	0.36	0		
0.31	0	0.31	0	0.31	0	0.011	0	0.31	0	0.31	0	0.31	0		
0.3	0	0.3	0	0.3	0	0.011	0	0.3	0	0.3	0	0.3	0		
0.31	0	0.31	0	0.31	0	0.048	1	0.31	0	0.31	0	0.31	0		
0.31	0	0.31	0	0.31	0	0.03	1	0.31	0	0.31	0	0.31	0		
6.8	0	0.181	1	0.181	1	0.03	1	6.8	0	6.8	0	6.8	0		
0.35	0	0.181	1	0.181	1	0.03	1	0.35	0	0.35	0	0.35	0		
0.36	0	0.181	1	0.181	1	0.03	1	0.12	1	0.35	0	0.35	0		
0.35	0	0.181	1	0.181	1	0.03	1	0.35	0	0.35	0	0.35	0		
0.29	1	0.181	1	0.181	1	0.03	1	0.38	1	0.1	1	0.1	1		
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.181	1	0.181	1	0.03	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.181	1	0.181	1	0.014	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.181	1	0.181	1	0.0115	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.181	1	0.181	1	0.011	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.2135	1	0.2135	1	0.0115	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.169	1	0.169	1	0.012	1	0.181	1	0.181	1	0.181	1		
0.181	1	0.165	1	0.165	1	0.0105	1	0.181	1	0.181	1	0.181	1		
2.32	1	0.1695	1	0.1695	1	0.0115	1	0.76099	1	1.28	1	1.28	1		
0.181	1	4.44	1	4.44	1	0.0105	1	0.181	1	0.181	1	0.181	1		
0.2135	1	0.156	1	0.156	1	0.0105	1	0.2135	1	0.2135	1	0.2135	1		

0.169	1	0.174	1	0.174	1	0.0105	1	0.169	1	0.169	1	0.169	1		
0.165	1	0.158	1	0.158	1	0.011	1	0.165	1	0.165	1	0.165	1		
0.1695	1	0.159	1	0.159	1	0.031	1	0.1695	1	0.1695	1	0.1695	1		
1.57	1	0.1605	1	0.1605	1	0.011	1	0.177	1	0.177	1	0.177	1		
0.156	1	0.162	1	0.162	1	0.011	1	0.156	1	0.156	1	0.156	1		
0.174	1	0.4675	1	0.4675	1	0.011	1	0.174	1	0.174	1	0.174	1		
0.158	1	0.168	1	0.168	1	0.012	1	0.158	1	0.158	1	0.158	1		
0.159	1	0.1645	1	0.1645	1	0.011	1	0.159	1	0.159	1	0.159	1		
0.1605	1	0.1665	1	0.1665	1	0.011	1	0.1605	1	0.1605	1	0.1605	1		
0.162	1	0.182	1	0.182	1	0.011	1	0.162	1	0.162	1	0.162	1		
0.4675	1	0.1625	1	0.1625	1	0.012	1	0.4675	1	0.4675	1	0.4675	1		
0.168	1	0.1635	1	0.1635	1	0.011	1	0.168	1	0.168	1	0.168	1		
0.1645	1	0.167	1	0.167	1	0.011	1	0.1645	1	0.1645	1	0.1645	1		
0.1665	1	0.1775	1	0.1775	1	0.011	1	0.1665	1	0.1665	1	0.1665	1		
0.182	1	0.1625	1	0.1625	1	0.012	1	0.182	1	0.182	1	0.182	1		
0.1625	1	0.162	1	0.162	1	0.013	1	0.1625	1	0.1625	1	0.1625	1		
0.1635	1	0.1675	1	0.1675	1	0.011	1	0.1635	1	0.1635	1	0.1635	1		
0.167	1	0.1795	1	0.1795	1	0.0115	1	0.167	1	0.167	1	0.167	1		
0.1775	1	0.194	1	0.194	1	0.0115	1	0.1775	1	0.1775	1	0.1775	1		
0.1625	1	0.1665	1	0.1665	1	0.011	1	0.1625	1	0.1625	1	0.1625	1		
0.162	1	0.173	1	0.173	1	0.011	1	0.162	1	0.162	1	0.162	1		
0.1675	1	0.1745	1	0.1745	1	0.0115	1	0.1675	1	0.1675	1	0.1675	1		
0.1795	1	0.163	1	0.163	1	0.012	1	0.1795	1	0.1795	1	0.1795	1		
0.194	1	0.1655	1	0.1655	1	0.0105	1	0.194	1	0.194	1	0.194	1		
0.1665	1	0.171	1	0.171	1	0.011	1	0.1665	1	0.1665	1	0.1665	1		
0.173	1	0.182	1	0.182	1	0.011	1	0.173	1	0.173	1	0.173	1		
0.1745	1	0.159	1	0.159	1	0.012	1	0.1745	1	0.1745	1	0.1745	1		
0.163	1	0.162	1	0.162	1	0.011	1	0.163	1	0.163	1	0.163	1		
0.1655	1	0.163	1	0.163	1	0.0115	1	0.1655	1	0.1655	1	0.1655	1		
0.171	1	0.182	1	0.182	1	0.01	1	0.171	1	0.171	1	0.171	1		
0.182	1	0.1685	1	0.1685	1	0.012	1	0.182	1	0.182	1	0.182	1		
0.159	1	0.1545	1	0.1545	1	0.0115	1	0.159	1	0.159	1	0.159	1		
0.162	1	0.19	1	0.19	1	0.0305	1	0.162	1	0.162	1	0.162	1		
0.163	1	0.171	1	0.171	1	0.0305	1	0.163	1	0.163	1	0.163	1		
0.182	1	0.1535	1	0.1535	1	0.0125	1	0.182	1	0.182	1	0.182	1		
0.1685	1	0.18	1	0.18	1	0.0115	1	0.1685	1	0.1685	1	0.1685	1		
0.1545	1	0.1735	1	0.1735	1	0.012	1	0.1545	1	0.1545	1	0.1545	1		
0.19	1	0.182	1	0.182	1	0.0115	1	0.19	1	0.19	1	0.19	1		
0.171	1	0.183	1	0.183	1	0.0115	1	0.171	1	0.171	1	0.171	1		
0.1535	1	0.1895	1	0.1895	1	0.0115	1	0.1535	1	0.1535	1	0.1535	1		
0.18	1	0.1715	1	0.1715	1	0.0105	1	0.18	1	0.18	1	0.18	1		
0.1735	1	0.178	1	0.178	1	0.011	1	0.1735	1	0.1735	1	0.1735	1		
0.182	1	0.1705	1	0.1705	1	0.0105	1	0.182	1	0.182	1	0.182	1		
0.183	1	0.1695	1	0.1695	1	0.011	1	0.183	1	0.183	1	0.183	1		
0.1895	1	0.1695	1	0.1695	1	0.0105	1	0.1895	1	0.1895	1	0.1895	1		
0.1715	1	0.158	1	0.158	1	0.011	1	0.1715	1	0.1715	1	0.1715	1		
0.178	1	0.165	1	0.165	1	0.011	1	0.178	1	0.178	1	0.178	1		
0.1705	1	0.158	1	0.158	1	0.011	1	0.1705	1	0.1705	1	0.1705	1		
0.1695	1	0.1625	1	0.1625	1	0.0145	1	0.1695	1	0.1695	1	0.1695	1		
0.1695	1	0.1575	1	0.1575	1	0.0115	1	0.1695	1	0.1695	1	0.1695	1		
0.158	1	0.1625	1	0.1625	1	0.0115	1	0.158	1	0.158	1	0.158	1		
0.165	1	0.1625	1	0.1625	1	0.012	1	0.165	1	0.165	1	0.165	1		
0.158	1	0.1655	1	0.1655	1	0.0285	1	0.158	1	0.158	1	0.158	1		
0.1625	1	0.2145	1	0.2145	1	0.028	1	0.1625	1	0.1625	1	0.1625	1		

0.1575	1	0.1715	1	0.1715	1	0.027	1	0.1575	1	0.1575	1	0.1575	1		
0.1625	1	0.1695	1	0.1695	1	0.028	1	0.1625	1	0.1625	1	0.1625	1		
0.1625	1	0.1775	1	0.1775	1	0.0265	1	0.1625	1	0.1625	1	0.1625	1		
0.1655	1	0.1715	1	0.1715	1	0.027	1	0.1655	1	0.1655	1	0.1655	1		
0.2145	1	0.168	1	0.168	1	0.028	1	0.2145	1	0.2145	1	0.2145	1		
0.1715	1	0.161	1	0.161	1	0.0275	1	0.1715	1	0.1715	1	0.1715	1		
0.1695	1	0.167	1	0.167	1	0.029	1	0.1695	1	0.1695	1	0.1695	1		
0.1775	1	0.158	1	0.158	1	0.028	1	0.1775	1	0.1775	1	0.1775	1		
0.1715	1	0.162	1	0.162	1	0.0285	1	0.1715	1	0.1715	1	0.1715	1		
0.168	1	0.167	1	0.167	1	0.028	1	0.168	1	0.168	1	0.168	1		
0.161	1	0.1635	1	0.1635	1	0.0285	1	0.161	1	0.161	1	0.161	1		
0.167	1	0.1735	1	0.1735	1	0.028	1	0.167	1	0.167	1	0.167	1		
0.158	1	0.167	1	0.167	1	0.028	1	0.158	1	0.158	1	0.158	1		
0.162	1	0.171	1	0.171	1	0.0285	1	0.162	1	0.162	1	0.162	1		
0.167	1	0.1665	1	0.1665	1	0.0285	1	0.167	1	0.167	1	0.167	1		
0.1635	1	0.17	1	0.17	1	0.0275	1	0.1635	1	0.1635	1	0.1635	1		
0.1735	1	0.81	1	0.8	1	0.0275	1	0.1735	1	0.1735	1	0.1735	1		
0.167	1	0.1675	1	0.1675	1	0.027	1	0.40999	1	0.167	1	0.167	1		
0.171	1	2.01	1	2.01	1	0.027	1	0.171	1	0.171	1	0.171	1		
0.1665	1	0.171	1	0.171	1	0.0295	1	0.1665	1	0.1665	1	0.1665	1		
0.17	1	2.74	1	2.74	1	0.027	1	0.17	1	0.17	1	0.17	1		
1.43	1	0.5	1	0.49	1	0.0275	1	1.48	1	0.89999	1	0.89999	1		
0.1675	1	0.1615	1	0.1615	1	0.027	1	0.1675	1	0.1675	1	0.1675	1		
4.37	1	0.162	1	0.162	1	0.0285	1	7.06	1	1.87	1	1.87	1		
0.49	1	0.1765	1	0.1765	1	0.027	1	0.46	1	0.171	1	0.171	1		
3.44	1	0.1605	1	0.1605	1	0.027	1	4.27	1	1.72	1	1.72	1		
0.93	1	0.1635	1	0.1635	1	0.0265	1	0.63999	1	0.37999	1	0.37999	1		
0.1615	1	0.161	1	0.161	1	0.0265	1	0.1615	1	0.1615	1	0.1615	1		
0.162	1	0.1725	1	0.1725	1	0.0275	1	0.162	1	0.162	1	0.162	1		
1.11	1	0.163	1	0.163	1	0.0265	1	1.24	1	0.44999	1	0.44999	1		
0.1605	1	0.163	1	0.163	1	0.027	1	0.1605	1	0.1605	1	0.1605	1		
0.1635	1	0.1595	1	0.1595	1	0.027	1	0.1635	1	0.1635	1	0.1635	1		
0.161	1	0.1575	1	0.1575	1	0.027	1	0.161	1	0.161	1	0.161	1		
0.1725	1	0.1655	1	0.1655	1	0.03	1	0.1725	1	0.1725	1	0.1725	1		
0.163	1	0.16	1	0.16	1	0.03	1	0.163	1	0.163	1	0.163	1		
0.163	1	0.163	1	0.163	1	0.03	1	0.163	1	0.163	1	0.163	1		
0.1595	1	0.1625	1	0.1625	1	0.0285	1	0.1595	1	0.1595	1	0.1595	1		
0.1575	1	0.162	1	0.162	1	0.0275	1	0.1575	1	0.1575	1	0.1575	1		
0.1655	1	0.181	1	0.181	1	0.0285	1	0.1655	1	0.1655	1	0.1655	1		
0.16	1	1.33	1	1.33	1	0.0305	1	0.50999	1	0.16	1	0.16	1		
0.163	1	0.75999	1	0.75999	1	0.0285	1	0.163	1	0.163	1	0.163	1		
0.1625	1	0.172	1	0.172	1	0.027	1	0.6	1	0.1625	1	0.1625	1		
0.162	1	0.1655	1	0.1655	1	0.0275	1	0.162	1	0.162	1	0.162	1		
0.62	1	3.4405	1	3.4405	1	0.029	1	0.181	1	0.181	1	0.181	1		
2.66	1	8.2	1	3.641	1	0.029	1	3.48	1	2.21	1	2.21	1		
3.19	1	1.09	1	1.09	1	0.0285	1	2.84	1	0.1805	1	0.1805	1		
0.172	1	2.74	1	2.74	1	0.03	1	0.172	1	0.172	1	0.172	1		
0.1655	1	0.165	1	0.165	1	0.0305	1	0.1655	1	0.1655	1	0.1655	1		
3.4405	1	0.175	1	0.175	1	0.0305	1	59.3	1	3.4405	1	3.4405	1		
3.641	1	0.175	1	0.175	1	0.029	1	12.7	1	3.641	1	3.641	1		
0.66	1	0.17	1	0.17	1	0.029	1	0.1725	1	0.1725	1	0.1725	1		
3.4	1	0.18	1	0.18	1	0.03	1	3.89	1	2.53	1	2.53	1		
0.165	1	0.18	1	0.18	1	0.0305	1	0.165	1	0.165	1	0.165	1		
0.175	1	0.18	1	0.18	1	0.29699	1	0.175	1	0.175	1	0.175	1		

0.175	1	0.175	1	0.175	1	0.03	1	0.175	1	0.175	1	0.175	1	0.175	1
0.17	1	0.175	1	0.175	1	0.03	1	0.17	1	0.17	1	0.17	1	0.17	1
0.18	1	0.18	1	0.18	1	0.0315	1	0.18	1	0.18	1	0.18	1	0.18	1
0.18	1	0.18	1	0.18	1	0.031	1	0.18	1	0.18	1	0.18	1	0.18	1
0.62999	1	0.17	1	0.17	1	0.028	1	0.61	1	0.18	1	0.18	1	0.18	1
0.99	1	0.18	1	0.18	1	0.0295	1	0.63999	1	0.175	1	0.175	1	0.175	1
0.175	1	0.18	1	0.18	1	0.0275	1	0.175	1	0.175	1	0.175	1	0.175	1
0.18	1	0.19	1	0.19	1	0.0285	1	0.18	1	0.18	1	0.18	1	0.18	1
0.18	1	0.185	1	0.185	1	0.0315	1	0.18	1	0.18	1	0.18	1	0.18	1
1.48	1	0.17	1	0.17	1	0.028	1	2.14	1	0.17	1	0.17	1	0.17	1
0.18	1	0.355	1	0.355	1	0.0295	1	0.18	1	0.18	1	0.18	1	0.18	1
0.18	1	2.87	1	2.87	1	0.0295	1	0.18	1	0.18	1	0.18	1	0.18	1
0.19	1	2.85	1	2.85	1	0.029	1	0.73	1	0.19	1	0.19	1	0.19	1
0.185	1	1.07	1	1.07	1	0.0265	1	0.185	1	0.185	1	0.185	1	0.185	1
0.17	1	2.32	1	2.32	1	0.027	1	0.17	1	0.17	1	0.17	1	0.17	1
0.355	1	0.18	1	0.18	1	0.0255	1	0.355	1	0.355	1	0.355	1	0.355	1
8.69	1	0.18	1	0.18	1	0.0285	1	5.28	1	4.26	1	4.26	1	4.26	1
6.8	1	0.175	1	0.175	1	0.026	1	6.13	1	5.12	1	5.12	1	5.12	1
2.18	1	0.16	1	0.16	1	0.0255	1	0.81999	1	1.04	1	1.04	1	1.04	1
0.17	1	0.16	1	0.16	1	0.0265	1	4.86	1	0.17	1	0.17	1	0.17	1
0.18	1	0.155	1	0.155	1	0.0255	1	0.18	1	0.18	1	0.18	1	0.18	1
0.18	1	0.17	1	0.17	1	0.025	1	0.18	1	0.18	1	0.18	1	0.18	1
0.175	1	0.155	1	0.155	1	0.0255	1	0.175	1	0.175	1	0.175	1	0.175	1
0.16	1	0.155	1	0.155	1	0.026	1	0.16	1	0.16	1	0.16	1	0.16	1
0.16	1	0.16	1	0.16	1	0.026	1	0.16	1	0.16	1	0.16	1	0.16	1
0.155	1	3.035	1	3.035	1	0.0275	1	0.155	1	0.155	1	0.155	1	0.155	1
0.17	1	3.025	1	3.025	1	0.0275	1	0.17	1	0.17	1	0.17	1	0.17	1
0.155	1	3.07	1	3.07	1	0.0265	1	0.155	1	0.155	1	0.155	1	0.155	1
0.155	1	0.16	1	0.16	1	0.246	1	0.155	1	0.155	1	0.155	1	0.155	1
0.16	1	1.56	1	1.56	1	0.027	1	0.16	1	0.16	1	0.16	1	0.16	1
3.035	1	0.165	1	0.165	1			3.035	1	3.035	1	3.035	1	3.035	1
3.025	1	0.165	1	0.165	1			3.025	1	3.025	1	3.025	1	3.025	1
3.07	1	0.16	1	0.16	1			3.07	1	3.07	1	3.07	1	3.07	1
0.16	1	1.665	1	1.665	1			0.16	1	0.16	1	0.16	1	0.16	1
1.56	1	0.16	1	0.16	1			1.56	1	1.56	1	1.56	1	1.56	1
0.165	1							0.165	1	0.165	1	0.165	1	0.165	1
0.165	1							0.165	1	0.165	1	0.165	1	0.165	1
0.16	1							0.16	1	0.16	1	0.16	1	0.16	1
1.665	1							1.665	1	1.665	1	1.665	1	1.665	1
0.16	1							0.16	1	0.16	1	0.16	1	0.16	1

Iron	D_Iron	Lead	D_Lead	Manganes	D_Mangan	Mercury	D_Mercury	Naphthalene	D_Naphtha	n-Butylbenzene	D_n-Butylbenze	Tetrachloroe	D_Tetrachlo	Vanadium	D_Vanadiu	Zinc	D_Zinc
4350	1	31.6	1	22.2	1	0.804	1	0.39	1	0.00009	0	0.00013	0	9.98	1	11.4	1
1930	1	8.77	1	15.4	1	0.609	1	0.002	1	0.00012	0	0.00017	0	3.77	1	6	1
1400	1	3.7	1	5.38	1	0.0724	1	0.06	1	0.00009	0	0.00013	0	3.93	1	4.04	1
1180	1	443	1	11.5	1	1.22	1	0.015	1	0.00011	0	0.00014	0	7.13	1	36.1	1
194	1	102	1	3.27	1	1.04	1	0.0044	1	0.00011	0	0.00015	0	3.88	1	3960	1
1600	1	8.29	1	8.97	1	0.265	1	0.11	1	0.00011	0	0.00014	0	9.65	1	38.2	1
1110	1	32.3	1	14.9	1	0.576	1	0.0022	1	0.00009	0	0.00057	1	4.56	1	5.7	1
1050	1	181	1	10.1	1	0.863	1	0.47	1	0.00012	0	0.00017	0	3.84	1	9.4	1
2040	1	118	1	8	1	0.234	1	0.0004	1	0.00013	0	0.00017	0	0.56	1	0.94999	1
1000	1	64	1	4.3	1	10.1	1	0.01	1	0.05	0	0.005	0	2.18	1	3.4	1
1940	1	4.12	1	11.8	1	0.0769	1	0.0076	1	0.05999	0	0.005	0	2.95	1	6.7	1
15000	1	29.8	1	84	1	1.25	1	0.0088	1	0.05999	0	0.05	0	4.46	1	4.8	1
9300	1	5.74	1	39	1	1.36	1	0.00067	1	0.05999	0	0.05999	0	3.33	1	1.8	1
3000	1	4.85	1	23	1	0.106	1	0.399	0	0.05999	0	0.05999	0	11	0	7.3	1
830	1	13.4	1	30	1	0.987	1	0.399	0	0.05999	0	0.05999	0	11	0	30.2	1
1200	1	16.8	1	21	1	1.1	1	0.399	0	0.05	0	0.05999	0	13	1	510	1
4100	1	3.43	1	31	1	0.155	1	0.399	0	0.05999	0	0.05999	0	9	0	65	1
		205	1			9.54	1	1.2	0	0.05	0	0.05	0	8	0	50	1
		7.22	1			13	1	0.37	0	0.05	0	0.05999	0	3	0	6	0
		155	1			23.4	1	0.35	0	0.05	0	0.05	0	3	0	7	0
		10.7	1			16.9	1	0.31999	0	0.05	0	0.05	0	12	1	55	1
		27.8	1			6.64	1	0.33	0	0.05	0	0.05	0				
		10.7	0			1.69	1	0.36	0	0.05	0	0.05	0				
		11.2	0			37.3	1	0.36	0	0.05	0	0.05	0				
		12	0			0.05499	0	0.37	0	0.05	0	0.05	0				
		11.9	0			0.057	0	0.37	0	0.05	0	0.05	0				
		12.2	0			0.059	0	0.31	0	0.05	0	0.05	0				
		12.4	0			0.059	0	0.31999	0	0.05	0	0.05	0				
		13.9	1			0.05499	0	0.37	0	0.05	0	0.05	0				
		24.1	1			0.056	0	0.33	0	0.05	0	0.05	0				
		196	1			0.059	0	0.37999	0	0.05	0	0.05	0				
		166	1			7.04	1	0.31999	0	0.05	0	0.05	0				
		10.7	0			0.056	0	0.31999	0	0.05	0	0.05	0				
		12.2	0			0.054	0	0.31	0	0.05	0	0.05	0				
		11	0			0.063	0	0.31999	0	0.05	0	0.05	0				
		323	1			0.056	0	0.31999	0	0.05	0	0.05	0				
		60.1	1			0.052	0	0.31999	0	0.05999	0	0.05	0				
		10.8	0			0.056	0	0.31	0	0.05999	0	0.05	0				
		255	1			0.054	0	0.31	0	0.05999	0	0.05999	0				
		114	1			0.05299	0	0.31999	0	0.05999	0	0.05999	0				
		260	1			0.05299	0	0.31	0	0.05	0	0.05999	0				
		10.7	0			0.05499	0	0.31999	0	0.05999	0	0.05999	0				
		309	1			0.28799	0	0.31999	0	0.05999	0	0.05	0				
		10.4	0			0.10999	0	0.3	0	0.05999	0	0.05999	0				
		32.6	1			0.10999	0	0.3	0	0.05999	0	0.05999	0				
		21.8	1			0.69999	1	0.34	0	0.05999	0	0.05999	0				
		310	1			0.56	0	0.34999	0	0.05999	0	0.05999	0				
		48.3	1			0.6	0	0.34	0	0.05	0	0.05999	0				
		16.1	1			0.6	0	0.34	0	0.05999	0	0.05999	0				
		10.6	0			0.61	0	0.31999	0	0.05999	0	0.05	0				
		21.3	1			0.89999	1	0.33	0	0.05999	0	0.05999	0				
		10.8	1			1.29	1	0.34	0	0.05999	0	0.05999	0				
		26.8	1			1.52	1	0.34999	0	0.18	1	0.05999	0				

10.7	0	3.99	1	0.34999	0	4.3	1	0.05999	0
126	1	2.02	1	0.34	0	0.07	0	0.05999	0
118	1	0.74	1	0.36	0	0.07	0	0.25	0
280	1	2.04	1	0.31999	0	0.18999	1	0.07	0
494	1	0.68	1	0.34999	0	0.05999	0	0.07	0
177	1	142	1	0.34	0	0.05999	0	0.05999	0
72.2	1	1.58	1	0.37999	0	0.05999	0	0.05999	0
234	1	0.31	1	0.37999	0	0.05999	0	0.05999	0
547	1	0.46	1	0.33	0	0.43999	1	0.05999	0
364	1	0.20999	1	0.36	0	0.05999	0	0.05999	0
285	1	1.21	1	0.38999	0	0.25	1	0.28999	0
307	1	0.54	0	0.38999	0	0.07999	1	0.05999	0
980	1	3.46	1	0.34999	0	0.05999	0	0.05999	0
455	1	0.51999	0	0.34	0	0.05999	0	0.05999	1
109	1	1.96	1	0.33	0	0.05999	0	0.05999	0
128	1	0.50999	1	0.34	0	0.05	0	0.05999	0
32.9	1	1.12	1	0.36	0	0.05999	0	0.05999	0
475	1	1.1	1	0.34999	0	0.05999	0	0.05	0
268	1	0.34999	1	0.33	0	0.05999	0	0.05999	0
83.9	1	0.52999	0	0.38999	1	0.05999	0	0.05999	0
11.2	0	0.55	0	0.34	0	0.05999	0	0.05999	0
42.8	1	0.54	0	0.34999	0	0.05999	0	0.05999	0
17.3	1	0.51999	0	0.34	0	0.05999	0	0.05999	0
83.1	1	0.54	0	0.34	0	0.05999	0	0.05999	0
77.1	1	0.56999	1	0.31999	0	0.05	0	0.05999	0
75.2	1	0.57999	0	0.34	0	0.05	0	0.05999	0
46.2	1	0.93999	1	0.34	0	0.05	0	0.05	0
364	1	0.56	0	0.34999	0	0.05	0	0.05	0
124	1	0.52999	0	0.34999	0	0.03	1	0.05	0
295	1	2.47	1	0.34	0	0.03	1	0.05	0
244	1	0.56999	1	0.33	0	0.03	1	0.072	0
44.8	1	0.81999	1	0.34	0	0.03	1	0.011	0
635	1	2.24	1	0.36	0	0.03	1	0.011	0
252	1	0.56999	0	0.31	0	0.03	1	0.011	0
110	1	0.6	0	0.3	0	0.03	1	0.011	0
243	1	0.54	0	0.31	0	0.03	1	0.004	1
820	1	0.58999	0	0.31	0	0.03	1	0.03	1
175	1	0.73	1	6.8	0	0.014	1	0.03	1
38.9	1	3.26	1	0.049	1	0.0115	1	0.03	1
18.8	1	0.57999	0	0.35	0	0.011	1	0.03	1
484	1	4.28	1	0.35	0	0.0115	1	0.03	1
375	1	0.54	0	0.11	1	0.012	1	0.03	1
422	1	14.6	1	0.181	1	0.0105	1	0.03	1
320	1	20.6	1	0.181	1	0.0115	1	0.03	1
382	1	19.6	1	0.181	1	0.0105	1	0.03	1
71.8	1	9.97	1	0.181	1	0.0105	1	0.014	1
192	1	13.5	1	0.181	1	0.0105	1	0.0115	1
69.9	1	85	1	0.181	1	0.011	1	0.011	1
65.8	1	9.01	1	0.181	1	0.031	1	0.0115	1
1040	1	9.48	1	0.181	1	0.011	1	0.012	1
238	1	27.9	1	0.181	1	0.011	1	0.0105	1
874	1	1.95	1	0.181	1	0.011	1	0.0115	1
97	1	2.68	1	0.181	1	0.012	1	0.0105	1
71.4	1	0.70999	1	0.2135	1	0.011	1	0.0105	1

62.9	1	0.62999	0	0.169	1	0.011	1	0.0105	1
125	1	12.5	1	0.165	1	0.011	1	0.011	1
15.1	1	3.65	1	0.1695	1	0.012	1	0.031	1
29.3	1	0.64999	0	0.177	1	0.011	1	0.011	1
11.5	0	1.44	1	0.156	1	0.011	1	0.011	1
30.3	1	0.81999	1	0.174	1	0.011	1	0.011	1
16.1	1	9.17	1	0.158	1	0.012	1	0.012	1
12.5	1	1.17	1	0.159	1	0.013	1	0.011	1
119	1	0.52999	0	0.1605	1	0.011	1	0.011	1
638	1	2.14	1	0.162	1	0.0115	1	0.011	1
194	1	3.86	1	0.4675	1	0.0115	1	0.012	1
60.7	1	2.24	1	0.168	1	0.011	1	0.011	1
316	1	0.56999	0	0.1645	1	0.011	1	0.011	1
330	1	7.78	1	0.1665	1	0.0115	1	0.011	1
253	1	18.3	1	0.182	1	0.012	1	0.012	1
49.6	1	3.03	1	0.1625	1	0.0105	1	0.013	1
211	1	4.8	1	0.1635	1	0.011	1	0.011	1
149	1	2.9	1	0.167	1	0.011	1	0.0115	1
297	1	6.54	1	0.1775	1	0.012	1	0.0115	1
420	1	3.1	1	0.1625	1	0.011	1	0.011	1
124	1	2.02	1	0.162	1	0.0115	1	0.011	1
143	1	0.56999	0	0.1675	1	0.01	1	0.0115	1
75.3	1	3.81	1	0.1795	1	0.012	1	0.012	1
265	1	0.98	1	0.194	1	0.0115	1	0.0105	1
390	1	4.12	1	0.1665	1	0.0305	1	0.011	1
102	1	0.69999	1	0.173	1	0.0305	1	0.011	1
47.5	1	0.69999	1	0.1745	1	0.0125	1	0.012	1
45.8	1	1.76	1	0.163	1	0.0115	1	0.011	1
35	1	3.41	1	0.1655	1	0.012	1	0.0115	1
43	1	1	1	0.171	1	0.0115	1	0.01	1
28.5	1	3.47	1	0.182	1	0.0115	1	0.012	1
29.2	1	9.58	1	0.159	1	0.0115	1	0.0115	1
10.2	0	11.9	1	0.162	1	0.0105	1	0.0305	1
12.6	1	2.36	1	0.163	1	0.011	1	0.0305	1
42.1	1	4.52	1	0.182	1	0.0105	1	0.0125	1
26.6	1	2.26	1	0.1685	1	0.011	1	0.0115	1
22.2	1	2.48	1	0.1545	1	0.0105	1	0.012	1
48.3	1	0.50999	0	0.19	1	0.011	1	0.0115	1
13.4	1	0.51999	1	0.171	1	0.011	1	0.0115	1
41.7	1	3.68	1	0.1535	1	0.011	1	0.0115	1
71.6	1	1	1	0.18	1	0.0145	1	0.0105	1
15	1	0.89999	1	0.1735	1	0.0115	1	0.011	1
6.5	1	1.98	1	0.182	1	0.0115	1	0.0105	1
53	1	0.50999	0	0.183	1	0.012	1	0.011	1
75	1	0.89999	1	0.1895	1	0.0285	1	0.0105	1
36	1	1.67	1	0.1715	1	0.028	1	0.011	1
27	1	0.41999	1	0.178	1	0.027	1	0.011	1
500	1	0.37999	1	0.1705	1	0.086	1	0.011	1
83	1	1.6	1	0.1695	1	0.0265	1	0.0145	1
710	1	7.1	1	0.1695	1	0.027	1	0.0115	1
350	1	1.12	1	0.158	1	0.028	1	0.0115	1
430	1	0.56999	0	0.165	1	0.0275	1	0.012	1
1200	1	2.84	1	0.158	1	0.029	1	0.0285	1
690	1	4.08	1	0.1625	1	0.028	1	0.028	1

700	1	0.82999	1	0.1575	1	0.0285	1	0.027	1
390	1	0.58999	0	0.1625	1	0.028	1	0.028	1
1100	1	4.54	1	0.1625	1	0.0285	1	0.0265	1
320	1	0.83999	0	0.1655	1	0.028	1	0.027	1
8	0	1.09	1	0.2145	1	0.028	1	0.028	1
20	0	0.62999	0	0.1715	1	0.0285	1	0.0275	1
75	1	9.57	1	0.1695	1	0.0285	1	0.029	1
3.02	1	0.5	0	0.1775	1	0.0275	1	0.028	1
3.02	1	1.05	1	0.85	1	0.0275	1	0.0285	1
3.02	1	0.54	1	0.87999	1	0.027	1	0.028	1
3.02	1	2.42	1	0.161	1	0.027	1	0.0285	1
3.02	1	0.5	0	0.167	1	0.0295	1	0.028	1
3.02	1	1.01	1	0.158	1	0.027	1	0.028	1
3.02	1	0.64999	1	0.162	1	0.0275	1	0.0285	1
250	1	0.54	0	0.167	1	0.027	1	0.0285	1
67.6	1	0.55	0	0.1635	1	0.0285	1	0.0275	1
170	1	0.55	0	0.1735	1	0.027	1	0.0275	1
31.4	1	1.6	1	0.167	1	0.027	1	0.027	1
342	1	2.6	1	0.171	1	0.0265	1	0.027	1
341	1	0.25999	0	0.1665	1	0.0265	1	0.0295	1
20.5	1	0.27	0	0.17	1	0.0275	1	0.027	1
464	1	0.25	0	0.1685	1	0.0265	1	0.0275	1
32.6	1	7.8	1	0.1675	1	0.027	1	0.027	1
99	1	0.27	1	0.343	1	0.027	1	0.0285	1
3.02	1	0.98	1	0.171	1	0.027	1	0.027	1
3.02	1	0.68	1	0.164	1	0.03	1	0.027	1
3.02	1	18	1	0.164	1	0.03	1	0.0265	1
3.02	1	3.1	1	0.1615	1	0.03	1	0.0265	1
3.02	1	0.63999	1	0.162	1	0.0285	1	0.0275	1
62.8	1	0.86	1	0.75	1	0.0275	1	0.0265	1
130	1	0.10999	0	0.1605	1	0.0285	1	0.027	1
199	1	82	1	0.37	1	0.0305	1	0.027	1
216	1	0.302	1	0.161	1	0.0285	1	0.027	1
74.9	1	0.302	1	0.1725	1	0.027	1	0.03	1
3.02	1	0.302	1	0.163	1	0.0275	1	0.03	1
264	1	0.302	1	0.163	1	0.029	1	0.03	1
3.02	1	0.302	1	0.1595	1	0.029	1	0.0285	1
173	1	0.302	1	0.1575	1	0.0285	1	0.0275	1
87.8	1	0.302	1	0.1655	1	0.03	1	0.0285	1
169	1	0.302	1	0.16	1	0.0305	1	0.0305	1
222	1	0.302	1	0.163	1	0.0305	1	0.0285	1
115	1	0.302	1	0.1625	1	0.029	1	0.027	1
94.7	1	0.302	1	0.162	1	0.029	1	0.0275	1
115	1	0.302	1	0.181	1	0.03	1	0.029	1
13.6	1	4.95	1	0.18	1	0.10899	1	0.029	1
11.5	1	0.302	1	0.1805	1	0.0285	1	0.0285	1
43.7	1	3.02	1	0.172	1	0.03	1	0.03	1
698	1	1.69	1	0.1655	1	0.03	1	0.0305	1
216	1	10.7	1	0.172	1	0.367	1	0.0305	1
188	1	0.302	1	3.641	1	0.031	1	0.029	1
229	1	0.302	1	0.43	1	0.028	1	0.029	1
44.4	1	0.302	1	2.17	1	0.0295	1	0.03	1
32.4	1	0.302	1	0.165	1	0.0275	1	0.0305	1
92.1	1	0.302	1	0.175	1	0.0285	1	0.0285	1

60.2	1	1.09	1	0.175	1	0.0315	1	0.03	1
16.3	1	1.81	1	0.17	1	0.028	1	0.03	1
14.5	1	9.66	1	13.9	1	0.0295	1	0.0315	1
64.9	1	9.66	1	0.18	1	0.0295	1	0.031	1
18	1	29	1	0.38999	1	0.26199	1	0.028	1
13.6	1	0.302	1	0.175	1	0.06899	1	0.0295	1
50.8	1	0.725	1	0.175	1	0.027	1	0.0275	1
206	1	73.8	1	0.18	1	0.0255	1	0.0285	1
122	1	10.5	1	0.18	1	0.0285	1	0.0315	1
16.7	1	0.302	1	0.17	1	0.026	1	0.028	1
83.7	1	0.302	1	0.18	1	0.0255	1	0.0295	1
11.6	1	0.302	1	0.18	1	0.0265	1	0.0295	1
12.4	1	0.302	1	6.05	1	0.0255	1	0.029	1
2.785	1	0.302	1	0.185	1	0.025	1	0.0265	1
8.35	1	0.302	1	0.17	1	0.0255	1	0.027	1
8.18	1	0.302	1	0.355	1	0.026	1	0.0255	1
9.98	1	0.302	1	2.98	1	0.026	1	0.0285	1
14.1	1	0.302	1	1.3	1	0.0275	1	0.026	1
15.9	1	6.41	1	0.19	1	0.0275	1	0.0255	1
232	1	3.51	1	0.17	1	0.0265	1	0.0265	1
31	1	0.3555	1	0.18	1	0.028	1	0.0255	1
63.6	1	0.2815	1	0.18	1	0.027	1	0.025	1
13.2	1	0.2755	1	0.175	1			0.0255	1
7.49	1	0.283	1	0.16	1			0.026	1
28.7	1	3.09	1	0.16	1			0.026	1
8.75	1	0.58999	1	0.155	1			0.0275	1
6.09	1	0.2905	1	0.17	1			0.0275	1
2.651	1	0.263	1	0.155	1			0.0265	1
2.7025	1	0.2655	1	0.155	1			0.028	1
6.31	1	0.2675	1	0.16	1			0.027	1
3.0305	1	0.2695	1	3.035	1				
6.21	1	0.78	1	3.025	1				
69.1	1	0.2805	1	3.07	1				
12	1	0.2745	1	0.16	1				
17.8	1	0.2775	1	1.56	1				
221	1	0.3035	1	0.165	1				
42.4	1	0.2705	1	0.165	1				
8.06	1	0.2725	1	0.16	1				
19	1	0.2785	1	1.665	1				
3.049	1	0.296	1	0.16	1				
11.4	1	0.271	1						
36.2	1	0.27	1						
86.7	1	0.279	1						
13.7	1	0.299	1						
10.9	1	0.3235	1						
62.4	1	0.278	1						
39.7	1	0.288	1						
44.2	1	0.75999	1						
65.8	1	0.2715	1						
2.7055	1	0.86	1						
73.9	1	0.285	1						
9.01	1	0.3035	1						
69.3	1	0.265	1						
14.6	1	0.2705	1						

375	1	0.272	1
2.8605	1	0.303	1
80.4	1	0.2805	1
2.962	1	1.73	1
111	1	0.317	1
120	1	0.2845	1
11.6	1	0.2555	1
12	1	0.3	1
5.4	1	0.2895	1
27.7	1	0.303	1
46.2	1	0.305	1
48.7	1	1.23	1
6.69	1	5.31	1
112	1	4.67	1
6.03	1	0.2845	1
88.6	1	0.282	1
2.8315	1	2.68	1
60.3	1	0.69999	1
11.2	1	0.275	1
368	1	0.2635	1
109	1	0.2705	1
84.5	1	0.263	1
65.8	1	0.271	1
47.2	1	0.271	1
2.697	1	0.2755	1
108	1	6.25	1
39.3	1	1.42	1
121	1	4.33	1
28	1	0.296	1
26.2	1	2.68	1
31	1	0.28	1
36.1	1	0.268	1
25.8	1	0.68999	1
31	1	1.59	1
33.1	1	1.37	1
36.2	1	1.07	1
57	1	0.2725	1
52.4	1	0.2895	1
2.697	1	0.75	1
31.2	1	0.285	1
109	1	0.278	1
130	1	0.283	1
219	1	0.57999	1
29	1	1.15	1
14.4	1	0.2855	1
153	1	0.2845	1
291	1	0.2735	1
170	1	0.273	1
1210	1	0.269	1
14.5	1	0.2695	1
144	1	0.70999	1
77.9	1	0.2675	1
58	1	0.2725	1
2.975	1	0.268	1

14.7	1	0.2875	1
174	1	0.272	1
416	1	0.2715	1
39	1	0.266	1
49.5	1	0.263	1
6.16	1	0.276	1
37.6	1	0.2665	1
20.8	1	0.2715	1
14.9	1	0.2705	1
71.9	1	0.2695	1
7.37	1	4.98	1
2.825	1	0.91	1
45.5	1	0.301	1
70.4	1	0.2865	1
75.9	1	0.287	1
105	1	0.276	1
47.1	1	1.17	1
9.61	1	0.3035	1
25	1	3.71	1
275	1	1.74	1
64.5	1	0.87	1
316	1	1	1
133	1	5.74	1
87.3	1	1.55	1
212	1	0.305	1
2.875	1	2.87	1
30	1	14.4	1
2.7	1	1.17	1
192	1	0.81999	1
262	1	0.305	1
8.64	1	1.28	1
35.4	1	0.77999	1
10.8	1	0.29	1
16.8	1	17	1
11	1	2.01	1
132	1	6.21	1
276	1	0.3	1
91	1	0.3	1
14.3	1	24.6	1
374	1	0.75999	1
2.73	1	0.285	1
2.74	1	0.295	1
6.21	1	0.275	1
149	1	0.285	1
2.675	1	13.6	1
		0.81999	1
		0.295	1
		1.13	1
		1.02	1
		3.09	1
		0.29	1
		0.265	1
		0.27	1
		9.44	1

14	1
3.66	1
4.61	1
1.52	1
0.255	1
3.94	1
0.255	1
0.25	1
0.255	1
0.265	1
0.58999	1
1.27	1
0.81	1
0.8	1
0.28	1
1.4	1

Arsenic	D_Arsenic	Benzo(a)anthr	D_Benzo(a	Benzo(a)py	D_Benzo(a	Benzo(b)flı	D_Benzo(b	Chromium	D_Chromiı	Dibenzo(a,h)a	D_Dibenzo	Lead	D_Lead	Mercury	D_Mercury
1.3	1	0.064	1	0.072	1	0.051	1	3.8	1	0.05	1	62.9	1	0.227	1
1.7	1	0.33	0	0.33	0	0.33	0	5	1	0.33	0	133	1	0.55	0
1	0	0.76999	1	1.34	1	0.66	1	1.7	1	0.31999	1	69.3	1	0.51999	0
		0.33	0	0.33	0	0.33	0			0.33	0	32.5	1	0.54	0
		0.33	0	0.33	0	0.33	0			0.33	0	3155	1	1.67	1
		0.06	1	0.076	1	0.11	1			0.35	0	50.4	1	0.0909	1
		0.34	0	0.34	0	0.34	0			0.34	0	11.3	0	0.56	0
		0.33	0	0.33	0	0.33	0			0.33	0	11.1	0	0.55	0
		0.34999	0	0.34999	0	0.34999	0			0.34999	0	11.8	0	0.58999	0
		0.026	1	0.029	1	0.35	0			0.35	0	11.8	1	0.054	0
		0.5	1	1.37	1	1.38	1			0.34	0	11.3	0	0.56	0
		0.92	1	0.33	0	2.18	1			0.33	0	11	0	0.55	0
		0.37999	0	0.37999	0	0.37999	0			0.37999	0	112	1	0.62999	0
		0.38999	0	0.38999	0	0.38999	0			0.38999	0	232	1	0.63999	0

Arsenic	D_Arsenic	Aroclor-12(	D_Aroclor-	Aroclor-1260	D_Aroclor-	Aroclor-12!	D_Aroclor-	Benzo(a)anthr:	D_Benzo(a	Benzo(a)py	D_Benzo(a	Benzo(b)flu	D_Benzo(b	Benzo(b/k)	D_Benzo(b/l	Benzo(k)flu	D_Benzo(k	bis(2-Ethyll	D_bis(2-Etl	Chromium
0.34999	1	0.051	1	0.024	0	0.026	1	0.027	1	0.051	1	0.03	1	1.6	1	0.0075	1	0.53	1	1.74
0.63999	1	0.021	1	0.015	0	0.0017	0	0.0017	1	0.00209	1	0.0036	1	8.1	0	0.001	1	8.3	0	2.2
4	0	0.042	1	0.023	0	0.0019	0	0.0064	1	0.011	1	0.015	1	9.8	0	0.00469	1	8.1	0	2.6
4	0	0.065	1	0.018	0	0.0019	0	0.046	1	0.057	1	0.051	1	13	0	0.012	1	9.8	0	4.4
2	0	0.18	1	0.06	0	0.07	1	0.037	1	0.04	1	0.065	1	8.7	0	0.024	1	13	0	3.8
1.5	0	0.24	1	0.098	0	0.028	0	0.31999	0	0.31999	0	0.38999	1	0.99	1	0.31999	0	8.7	0	6.3
2.2	1	0.57	1	0.13	0	0.074	0	0.34	0	0.34	0	0.34	0	8.5	0	0.34	0	7.6	0	8.2
1.5	0	0.21	1	0.0017	0	0.069	1	0.31999	0	0.31999	0	0.31999	0	8.5	0	0.31999	0	8.5	0	4.4
3.5	1	0.16	1	0.0017	0	0.031	1	0.31999	0	0.31999	0	0.31999	0	8.3	0	0.31999	0	8.5	0	5.4
3	0	0.039	1	0.00209	0	0.012	1	0.35	0	0.71	0	0.35	0	0.35	0	0.35	0	8.3	0	3.1
1.5	0	2.16	0	2.16	0	2.16	0	1.3	1	8.3	0	4.70E-03	1	0.36	0	1.40E-03	0	0.35	0	3.3
2.4	1	2.28	0	2.28	0	2.28	0	8.1	0	8.1	0	1.20E-03	0	0.35	0	1.40E-03	0	0.36	0	5.9
2.9	1	2.14	0	2.14	0	2.14	0	9.8	0	9.8	0	3.50E-03	1	0.26	1	1.40E-03	0	0.35	0	6.6
2.8	1	2.13	0	2.13	0	2.13	0	13	0	13	0	1.20E-03	0	0.35	0	1.40E-03	0	0.35	0	17
3	0	0.035	0	0.035	0	0.035	0	8.7	0	8.7	0	1.50E-02	1	0.36	0	4.70E-03	1	0.35	0	4.9
0.5	1	2.21	0	2.21	0	2.21	0	0.92	1	0.8	1	1.30E-02	1	0.42	0	3.20E-03	1	0.36	0	2.63
0.27	1	2.12	0	2.12	0	2.12	0	8.5	0	8.5	0	0.23	1	0.37	0	7.00E-02	1	0.42	0	2.7
0.37	1	0.034	1	0.035	0	0.035	0	1	1	1.3	1	1.20E-02	1	0.068	1	2.70E-03	1	1.8	1	2.11
0.28	1	5.60E-03	1	0.036	0	0.036	0	8.3	0	8.3	0	9.40E-02	1	0.33	1	3.60E-02	1	46	1	2.09
1.23	1	5.20E-03	1	0.035	0	0.035	0	0.35	0	0.35	0	5.50E-03	1	0.18	1	1.50E-03	1	0.42	0	3.46
0.32	1	2.10E-03	0	0.035	0	0.035	0	0.36	0	0.36	0							0.36	0	2
1.65	1	1.60E-02	0	0.035	0	0.035	0	0.35	0	0.35	0							7.00E-03	0	12.5
0.38	1	2.30E-03	1	0.036	0	0.036	0	0.09	1	0.12	1							7.00E-03	0	1.9
0.45	1	0.1	1	0.24	1	0.13	1	0.35	0	0.35	0							7.00E-03	0	3.13
0.3	1	2.10E-03	0	0.3	1	0.063	1	0.36	0	0.36	0							7.00E-03	0	2.51
		9.20E-02	1	0.9	1	0.1	1	0.42	0	0.42	0							0.017	1	
		1.10E-02	1	0.85	1	0.08	0	0.37	0	0.37	0							7.00E-03	0	
				0.47	0	0.12	1	0.38	0	0.49	1							0.41	1	
				2.10E-03	0	7.60E-03	1	0.15	1	0.17	1							7.00E-03	0	
				2.10E-03	0	2.10E-03	0	0.36	0	0.082	1							3.80E-02	1	
				4.20E-03	0	2.10E-03	0	3.40E-03	1	3.30E-03	1							1.30E-02	1	
				2.10E-03	0	2.10E-03	0	1.70E-03	0	1.70E-03	0									
				2.70E-02	1	2.70E-02	0	2.20E-03	1	2.60E-03	1									
				5.90E-03	0	8.00E-03	0	1.70E-03	0	1.70E-03	0									
				8.70E-02	1	3.60E-02	0	7.70E-03	1	9.60E-03	1									
				2.10E-03	0	2.10E-03	0	1.30E-02	1	1.90E-02	1									
				3.70E-02	1	2.90E-02	0	8.60E-02	1	8.80E-02	1									
				2.10E-03	0	3.50E-03	1	5.10E-03	1	6.90E-03	1									
								4.50E-02	1	6.10E-02	1									
								2.10E-03	1	3.30E-03	1									

D_Chromiu	Dibenzo(a,l	D_Dibenzo	Indeno(1,2	D_Indeno(:	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercury	Vanadium	D_Vanadium
1	0.0096	1	0.025	1	797	1	20.3	1	0.114	1	5.64	1
1	0.00066	1	0.0022	1	1530	1	10.4	1	0.055	1	4.26	1
1	0.0033	1	0.01	1	4200	1	12.3	1	0.0989	1	5.84	1
1	0.025	1	0.075	1	5200	1	58.1	1	0.092	1	12.3	1
1	0.018	1	0.069	1	1700	1	43.8	1	0.372	1	4.09	1
1	0.31999	0	0.31999	0	3000	1	44.8	1	0.0855	1	4.5	1
1	0.34	0	0.34	0	3000	1	28.3	1	0.195	1	6.8	1
1	0.31999	0	0.31999	0	2100	1	34.6	1	0.261	1	9.8	1
1	0.31999	0	0.31999	0	12000	1	22.5	1	0.168	1	7	0
1	0.35	0	0.71	0	2000	1	11.6	1	0.302	1	8	0
1	8.3	0	8.3	0	2000	1	25.9	1	0.54	0	5	0
1	8.1	0	8.1	0	26000	1	20.5	1	0.56999	0	8	0
1	9.8	0	9.8	0	4100	1	16	1	0.52999	0	9	0
1	13	0	13	0	11000	1	46.8	1	0.52999	0	12	1
1	8.7	0	8.7	0	3800	1	19.7	1	0.156	1	9	0
1	7.6	0	7.6	0	1780	1	178	1	1.97	1	12	1
1	8.5	0	8.5	0	1470	1	43	1	0.52999	0	21	1
1	8.5	0	8.5	0	1720	1	230	1	9.3	1	43	1
1	8.3	0	8.3	0	1290	1	89	1	1.4	1	16	1
1	0.35	0	0.35	0	2380	1	26	1	38	1	6.89	1
1	0.36	0	0.36	0	1520	1	34	1	32	1	1.82	1
1	0.35	0	0.35	0	2090	1	73	1	2.2	1	3.26	1
1	0.35	0	0.1	1	1850	1	65	1	1.2	1	1.66	1
1	0.35	0	0.35	0	1940	1	5.3	1	0.44999	1	4.45	1
1	0.36	0	0.36	0	1500	1	94	1	2.9	1	1.99	1
	0.42	0	0.42	0			110	1	1.2	1	9.1	1
	0.37	0	0.37	0			30	0	0.10999	0	2.31	1
	0.38	0	0.38	0			30	0	0.15999	1	7.05	1
	0.42	0	0.12	1			40	0	0.10999	0	2.05	1
	0.36	0	0.069	1			84	1	0.10999	0		
	1.50E-03	0	2.10E-03	1			50	0	1.8	1		
	1.50E-03	0	1.50E-03	0			30	0	0.47999	0		
	1.50E-03	0	2.20E-03	1			20	0	0.10999	0		
	1.50E-03	0	1.50E-03	0			77	1	0.23999	1		
	3.10E-03	1	8.20E-03	1			60	0	0.85	1		
	8.60E-03	1	8.20E-03	1			130	1	2.4	1		
	1.90E-02	1	8.30E-02	1			50	0	1.1	1		
	2.10E-03	1	5.30E-03	1			21.4	1	9.31E-02	1		
	1.80E-02	1	4.50E-02	1			4.1	1	2.00E-02	1		
	1.50E-03	0	2.90E-03	1			7.84	1	3.52E-02	1		
							3.85	1	6.80E-03	1		
							63.4	1	4.90E-02	1		
							42.8	1	0.0223	1		
							40.2	1	9.80E-02	1		
							30.4	1	1.98E-02	1		
							34.9	1	0.218	1		

9.86	1	0.0335	1

Aroclor-1221	D_Aroclor-1221	Aroclor-12	D_Aroclor-1254	Aroclor-1260	D_Aroclor-1260	Aroclor-12	D_Aroclor-	Arsenic	D_Arsenic	Benzo(a)ar	D_Benzo(a	Benzo(a)py	D_Benzo(a	Benzo(b)fl	D_Benzo(b	Benzo(b/k)	D_Benzo(b
0.0017	0	0.019	1	0.024	0	0.091	1	0.89999	1	0.0058	1	0.0069	1	0.012	1	0.055	1
0.0017	0	0.049	1	0.055	0	0.27	1	0.23	1	0.22	1	0.23	1	0.37	1	0.72	1
0.017	0	0.2	1	0.017	0	1.2	1	1.6	0	0.028	1	0.03299	1	0.046	1	0.4	0
0.017	0	0.17	1	0.017	0	4.1	1	2	0	0.33	0	0.33	0	0.33	0	0.4	0
0.004	0	0.037	0	0.0017	0	0.24	1	1.7	0	0.36	0	0.36	0	0.36	0	0.062	1
0.0017	0	0.0017	0	0.0017	0	0.058	1	1.7	0	0.34	0	0.34	0	0.34	0	0.23	1
0.034	0	0.17	1	0.034	0	10	1	1.8	0	0.37	0	0.37	0	0.37	0	0.28	1
0.017	0	0.017	0	0.017	0	0.96	1	3.3	1	0.34	0	0.34	0	0.34	0	0.34	1
0.34	0	0.34	0	0.34	0	19	1	1.7	0	0.34	0	0.34	0	0.34	0	0.38	0
0.017	0	0.46	1	0.017	0	1.5	1	1.7	0	0.34999	0	0.34999	0	0.34999	0		
0.017	0	0.33	1	0.017	0	1.3	1			0.37	0	0.062	1				
0.0017	0	0.0017	0	0.0017	0	0.056	1			0.86	1	0.96	1				
0.017	0	0.14	1	0.017	0	0.87	1			0.4	0	0.4	0				
0.0017	0	0.0017	0	0.0017	0	0.037	1			0.4	0	0.4	0				
0.017	0	0.14	1	0.017	0	1.3	1			0.41	0	0.41	0				
0.0017	0	0.0017	0	0.0017	0	0.028	1			0.11	1	0.12	1				
0.017	0	0.09	1	0.017	0	0.99	1			0.23	1	0.24	1				
0.0017	0	0.0017	0	0.0017	0	0.014	1			0.38	1	0.42	1				
0.017	0	0.18	1	0.017	0	2.2	1			0.071	1	0.38	0				
0.0017	0	0.0017	0	0.0017	0	0.051	1										
0.017	0	0.15	1	0.017	0	1.7	1										
0.0017	0	0.0017	0	0.0017	0	0.041	1										
0.017	0	0.13	1	0.017	0	3.4	1										
0.0017	0	0.013	1	0.0017	0	0.41	1										
0.017	0	0.18	1	0.017	0	3.5	1										
0.0017	0	0.017	1	0.0017	0	0.33	1										
0.21	0	11	1	0.21	0	15	1										
0.27	1	0.63	1	0.021	0	2.4	1										
2.22	0	2.22	0	2.22	0	2.22	0										
2.39	0	2.39	0	2.39	0	2.39	0										
2.26	0	2.26	0	2.26	0	2.26	0										
2.45	0	2.45	0	2.45	0	2.45	0										
2.26	0	2.26	0	2.26	0	2.7	1										
2.27	0	2.27	0	2.27	0	2.7	1										
2.35	0	2.35	0	2.35	0	2.35	0										
0.074	0	0.11	1	1.4	1	0.038	0										
0.076	0	0.037	0	0.037	0												
0.082	0	0.04	0	0.04	0												
0.081	0	0.04	0	0.04	0												
0.084	0	0.041	0	0.041	0												
0.08	0	0.039	0	0.039	0												
0.081	0	0.04	0	1.2	1												
0.08	0	0.039	0	0.039	0												
0.078	0	0.038	0	0.038	0												

Benzo(k)fluoranthene	D_Benzo(k)fluoranthene	Carbazole	D_Carbazole	Chromium	D_Chromium	Dibenzo(a,	D_Dibenzo	Indeno(1,2	D_Indeno(	Iron	D_Iron	Mercury	D_Mercury
0.0039	1	0.37	0	12.7	1	0.0017	1	0.0072	1	14400	1	0.261	1
0.15	1	0.38	0	3.81	1	0.074	1	0.24	1	859	1	0.755	1
0.018	1	0.4	0	4	1	0.0092	1	0.024	1	1800	1	13.3	1
0.33	0	0.4	0	5.5	1	0.33	0	0.33	0	3600	1	1.15	1
0.36	0	0.41	0	3	1	0.36	0	0.36	0	630	1	0.31	1
0.34	0	0.39	0	3.9	1	0.34	0	0.34	0	1800	1	0.75999	1
0.37	0	0.046	1	4.8	1	0.37	0	0.37	0	2500	1	1.31	1
0.34	0	0.39	0	7.6	1	0.34	0	0.34	0	4800	1	0.72	1
0.34	0	0.38	0	7.8	1	0.34	0	0.34	0	3700	1	11.8	1
0.34999	0			5.5	1	0.34999	0	0.34999	0	3100	1	9.3	1
						0.37	0	0.37	0			6.2	1
						0.38	0	0.54	1			17.5	1
						0.4	0	0.4	0			3.67	1
						0.4	0	0.4	0			5.3	1
						0.41	0	0.41	0			1.6	1
						0.055	1	0.091	1			3.3	1
						0.1	1	0.2	1			0.11999	0
						0.26	1	0.25	1			0.54	1
						0.38	0	0.38	0			1.9	1
												6	1
												3.6	1
												13	1

1,1,2,2-Tetrachlc	D_1,1,2,2-Tetrach	1,2,4-Trime	D_1,2,4-Tri	1,4-Dichlor	D_1,4-Dich	1-Methyl N	D_1-Methy	2-Methylna	D_2-Methy	4,6-Dinitro-2-me	D_4,6-Dinitro-2-r	Aluminum	D_Aluminu	Antimony	D_Antimor	Aroclor-10	D_Aroclor-1016	Aroclor-12
0.00011	0	0.00011	0	0.00012	0	15.9	1	0.11	1	1.9	0	2430	1	9.86	1	0.091	0	28
0.00013	0	0.00014	0	0.00015	0	0.31	0	0.022	1	1.93	0	2930	1	0.15	1	0.0085	0	0.23
0.00009	0	0.00009	0	0.00011	0	0.31999	0	0.0017	1	2.13	0	3990	1	0.02999	0	0.0017	0	0.1
2.7	0	3.5	1	0.38	0	0.36	0	0.00039	0	3.65	0	4480	1	0.03999	1	0.034	0	4.4
0.006	0	0.10999	0	0.39	0	0.36	0	0.26	1	2.3	0	3600	1	0.17499	1	0.017	0	0.24
0.006	0	0.05999	0	0.43	0	0.40999	0	0.00039	0	1.85	0	3690	1	0.00899	1	0.0017	0	0.2
0.005	0	0.05999	0	0.73	0	0.33	0	0.38	0	1.9	0	3100	1	16.3	0	0.017	0	0.93
0.006	0	0.05999	0	0.46	0	6.1	1	0.73	1	0.89	0	3260	1	14	0	0.00209	0	0.00209
0.006	0	0.064	1	0.37	0	18.8	1	0.43	0	0.89	0	21900	1	14	0	0.015	0	0.19
0.005	0	0.05999	1	0.38	0	0.34999	0	0.73	0	0.87	0	3320	1	15	0	0.00209	0	0.0028
0.006	0	0.05	0	0.10999	0	0.34	0	0.46	0	0.98	0	2700	1	13	0	0.14	0	0.044
0.10999	0	0.05	0	0.10999	0	0.34	0	0.37	0	0.95	0			13	0	0.399	0	4.11
0.10999	0	0.05999	0	0.05999	0	0.34	0	0.38	0	0.94	0			13	0	0.797	0	7.13
0.05999	0	0.05	0	0.05999	0	0.31999	0	11.1	1	0.99	0			14	0	0.38	0	0.38
0.05999	0	0.05999	0	0.05999	0	0.33	0	0.31	0	0.95	0					0.038	0	0.038
0.05999	0	0.05	0	0.05999	0	0.31999	0	0.31999	0	0.94	0					0.4	0	0.4
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.36	0	0.93	0					0.36	0	0.36
0.05	0	0.05999	0	0.05	0	0.31999	0	0.36	0	0.94	0					0.37	0	0.37
0.05	0	0.2	1	0.05	0	0.34	0	0.40999	0	0.94	0					0.37	0	0.37
0.05	0	0.05	0	0.05999	0	0.31	0	0.33	0	0.96	0					0.037	0	0.037
0.05999	0	0.05999	0	0.05	0	0.33	0	0.33	0	32	1					2.42	0	2.42
0.05	0	0.05999	0	0.05999	0	0.34	0	13.1	1							2.53	0	2.53
0.05999	0	0.05999	0	0.05	0	0.33	0	0.34999	0							2.4	0	2.4
0.05	0	0.05	0	0.05999	0	0.31999	0	0.34	0							2.41	0	2.41
0.05999	0	0.05999	0	0.05999	0	0.33	0	0.34	0							2.56	0	2.56
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0							3.16	0	3.16
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.31999	0							2.43	0	2.43
0.05	0	0.05999	0	0.05999	0	0.31999	0	0.33	0							2.38	0	2.38
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.31999	0							2.76	0	2.76
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34999	0							2.31	0	2.31
0.05999	0	9.33	1	0.05	0	0.34999	0	0.31999	0							2.07	0	2.07
0.05	0	15.3	1	0.05999	0	0.34	0	0.34	0							418	0	2.19
0.05999	0	4.8	1	0.05999	0	0.34999	0	0.31	0							2.19	0	2.25
0.05999	0	17	1	0.05999	0	0.34999	0	0.33	0							2.25	0	2.2
0.05999	0	11.6	1	0.05999	0	2.31	1	0.34	0							2.2	0	2.16
0.05999	0	0.05	0	0.05999	0	1.48	1	0.33	0							2.16	0	2.15
0.05999	0	0.05999	0	0.05999	0	4.3	1	0.31999	0							2.15	0	2.12
0.05999	0	0.05999	0	0.05999	0	3.9	1	0.33	0							2.12	0	2.19
0.05999	0	0.05999	0	2.8	0	26.9	1	0.34	0							2.19	0	2.33
2.8	0	0.10999	1	3	0	0.33	0	0.34999	0							2.33	0	2.28
3	0	0.05999	0	3.2	0	0.36	0	0.31999	0							2.28	0	2.27
3.2	0	0.05999	0	3.1	0	0.36	0	0.34	0							2.27	0	2.25
3.1	0	0.05999	0	0.05	0	0.37999	0	1.6	1							2.25	0	2.1
0.05	0	0.05999	0	0.05999	0	1.82	1	0.34999	0							2.1	0	2.13
0.05999	0	0.07	0	0.05999	0	0.34	0	0.34	0							2.13	0	2.11
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.34999	0							2.11	0	2.28

0.05999	0	0.07	0	0.05999	0	0.34999	0	0.34999	0			2.28	0	2.14
0.05999	0	0.07	0	0.05999	0	0.37	0	0.34	0			2.14	0	2.17
0.05999	0	0.05999	0	0.05999	0	0.38999	0	2.23	1			2.17	0	2.11
0.05999	0	0.05999	0	0.05999	0	0.37	0	0.36	0			2.11	0	2.17
0.05999	0	0.05999	0	0.05999	0	0.46	1	1.01	1			2.17	0	2.09
0.05999	0	0.05999	0	0.07	0	0.38999	0	2.75	1			2.09	0	3.3
0.07	0	0.05999	0	0.05999	0	0.34999	0	0.33	0			2.13	0	2.14
0.05999	0	0.07	1	0.07	0	0.34999	0	0.36	0			2.14	0	3.56
0.07	0	0.1	1	0.07	0	0.4	1	0.36	0			3.56	0	3.55
0.07	0	0.05999	0	0.05999	0	0.34999	0	0.37999	0			3.55	0	2.7
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0			2.7	0	14
0.05999	0	0.05999	0	0.05999	0	0.37	0	0.34	0			2.16	0	4.7
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.36	0			2.17	0	6.1
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.34999	0			2.15	0	2.27
0.05999	0	0.1	1	0.05999	0	0.34999	0	0.37	0			2.27	0	2.17
0.05999	0	0.05999	0	0.05999	0	0.36	0	0.38999	0			2.17	0	2.18
0.05999	0	0.05999	0	0.05999	0	0.34999	0	0.37	0			2.18	0	2.24
0.05999	0	0.05	0	0.05999	0	0.34	0	0.38999	0			2.24	0	2.31
0.05999	0	0.05999	0	0.05999	0	3.82	1	0.38999	0			2.31	0	2.3
0.05999	0	0.62999	1	0.05999	0	0.36	0	0.34999	0			2.3	0	2.21
0.05999	0	0.05	0	0.05999	0	0.33	0	0.34999	0			2.21	0	2.35
0.05999	0	0.05	0	0.05999	0	3.26	0	0.34	0			2.35	0	8.1
0.05999	0	0.05999	0	0.05999	0	0.37999	0	0.34999	0			2.24	0	2.28
0.05999	0	0.05999	0	0.05999	0	0.34	0	0.34	0			2.28	0	2.15
0.05999	0	0.05	0	0.05	0	0.33	0	0.37	0			2.15	0	2.24
0.05	0	0.05999	0	0.05999	0	0.33	0	0.36	0			2.24	0	2.09
0.05999	0	0.05	0	0.05999	0	0.34	0	0.36	0			2.09	0	2.22
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.34999	0			2.22	0	2.28
0.05	0	0.09	1	0.05	0	0.31999	0	0.36	0			2.28	0	2.21
0.05	0	0.05999	0	0.05999	0	0.33	0	0.34999	0			2.21	0	2.52
0.05999	0	0.05999	0	0.05999	0	0.31	0	0.34	0			2.52	0	2.23
0.05999	0	0.05	0	0.05	0	0.34	0	0.33	0			2.23	0	2.11
0.05	0	0.05999	0	0.05999	0	0.36	0	0.36	0			2.11	0	2.23
0.05999	0	0.05999	0	0.05	0	0.34999	0	0.33	0			2.23	0	2.26
0.05	0	7.4	1	0.05999	0	0.34	0	3.26	0			2.26	0	2.33
0.05999	0			0.05999	0	0.31999	0	0.37999	0			2.33	0	2.14
0.05999	0			0.05999	0	0.34	0	0.34	0			2.14	0	2.26
0.05999	0			0.05999	0	0.34999	0	0.33	0			2.26	0	2.27
0.05999	0			0.05	0			0.33	0			2.27	0	2.23
0.05	0			0.05999	0			0.34	0			2.23	0	2.15
0.05999	0			0.05999	0			0.34999	0			2.15	0	2.2
0.05999	0			0.39	0			0.31999	0			2.2	0	2.31
0.012	0			0.37	0			0.33	0			2.31	0	2.5
0.011	0			0.37	0			0.31	0			2.5	0	2.32
0.011	0			0.36	0			0.34	0			2.32	0	2.3
0.011	0			0.4	0			0.36	0			2.3	0	2.33
0.012	0			0.39	0			0.34999	0			2.33	0	2.4

0.012	0	0.39	0	0.34	0	2.4	0	2.31
0.012	0	0.41	0	0.31999	0	2.31	0	2.07
0.012	0	0.39	0	0.34	0	2.07	0	2.19
0.012	0	0.39	0	0.34999	0	2.19	0	2.39
0.012	0	0.38	0	0.39	0	2.39	0	2.25
0.012	0	0.39	0	0.17	1	2.25	0	2.33
0.012	0	0.39	0	0.12	1	2.33	0	2.28
0.012	0	0.4	0	0.12	1	2.28	0	2.52
0.012	0	11	0	0.29	1	2.52	0	2.21
11	0			0.2	1	2.21	0	2.36
				0.2	1	2.36	0	2.29
				0.08	1	2.29	0	2.34
				0.035	1	2.34	0	2.32
				0.39	0	2.32	0	2.56
				0.07	1	2.56	0	2.39
				1.5	1	2.39	0	2.41
				0.39	0	2.41	0	2.33
				0.4	0	2.33	0	2.31
				32	1	2.31	0	2.21
						2.21	0	2.23
						2.23	0	2.24
						2.24	0	2.24
						2.24	0	2.54
						2.54	0	2.78
						2.78	0	2.83
						2.83	0	2.28
						2.28	0	2.51
						2.51	0	2.36
						2.36	0	2.75
						2.75	0	2.44
						2.44	0	3.16
						3.16	0	2.34
						2.34	0	2.34
						2.34	0	2.3
						2.3	0	2.53
						2.53	0	2.1
						2.1	0	2.25
						2.25	0	2.29
						2.29	0	2.18
						2.18	0	2.18
						2.18	0	2.29
						2.29	0	2.13
						2.13	0	2.27
						2.27	0	2.18
						2.18	0	2.2
						2.2	0	2.36
						2.36	0	2.2

2.2	0	2.29
2.29	0	2.53
2.53	0	2.39
2.39	0	2.36
2.36	0	2.31
2.31	0	2.41
2.41	0	2.4
2.4	0	2.41
2.41	0	2.53
2.53	0	2.9
2.23	0	2.26
2.26	0	2.4
2.4	0	2.48
2.48	0	2.2
2.2	0	2.15
2.15	0	2.33
2.33	0	2.58
2.58	0	2.47
2.47	0	2.37
2.37	0	2.38
2.38	0	3.2
2	0	2.4
2.4	0	2.31
2.31	0	2.29
2.29	0	2.37
2.37	0	2.23
2.23	0	2.23
2.23	0	2.23
2.23	0	2.24
2.24	0	2.18
2.18	0	2.17
2.17	0	2.27
2.27	0	2.35
2.35	0	2.14
2.14	0	2.2
2.07	0	2.1
2.13	0	2.17
2.17	0	2.14
2.14	0	2.2
2.2	0	2.09
2.09	0	2.07
2.07	0	2.3
2.3	0	2.1
2.1	0	2.13
2.13	0	2.9
2.23	0	2.19
2.19	0	2.6

2.12	0	2.3
2.3	0	2.41
2.41	0	2.31
2.31	0	2.24
2.24	0	2.12
2.12	0	2.28
2.28	0	2.36
2.36	0	2.16
2.16	0	2.08
2.08	0	2.38
2.38	0	2.01
2.01	0	0.039
0.039	0	0.68
0.037	0	0.43
0.036	0	0.31
0.036	0	1.6
0.04	0	0.024
0.039	0	1.6
0.038	0	1.4
0.04	0	0.17
0.078	0	0.038
0.038	0	2.4
0.038	0	0.81
0.039	0	0.31
0.038	0	0.1
0.04	0	

D_Aroclor-	Aroclor-12(	D_Aroclor-	Aroclor-12(	D_Aroclor-	Arsenic	D_Arsenic	Benzene	D_Benzene	Benzo(a)an	D_Benzo(a	Benzo(a)py	D_Benzo(a	Benzo(b)flu	D_Benzo(b	Benzo(k)flu	D_Benzo(k)	bis(2-Chloroet	D_bis(2-Ch	Carbazole	D_Carbazo
1	0.091	0	8.9	1	0.23999	1	0.00017	0	0.14	1	0.19	1	0.21	1	0.042	1	0.38	0	0.38	0
1	0.0085	0	0.55	1	1.32	1	0.00022	0	0.03299	1	0.045	1	0.03299	1	0.0072	1	0.39	0	0.39	0
1	0.0017	0	0.028	1	0.23999	1	0.00015	0	0.0019	1	0.002	1	0.0037	1	0.0012	1	0.43	0	0.43	0
1	0.034	0	6.1	1	3.3	1	2.7	0	0.00048	0	0.00014	0	0.00025	0	0.00015	0	0.73	0	0.73	0
1	0.017	0	0.57	1	12.9	1	0.006	0	0.6	1	0.79	1	0.58	1	0.14	1	0.46	0	0.46	0
1	0.14	0	0.2	1	9.8	1	0.006	0	0.00068	1	0.00032	1	0.00079	1	0.00028	1	0.37	0	0.37	0
1	0.017	0	0.78	1	5.1	1	0.005	0	6.4	1	1.7	1	3.6	1	0.38	0	0.38	0	0.38	0
0	0.00209	0	0.00209	0	3.5	1	0.006	0	1.3	1	0.39	0	0.39	0	0.39	0	0.39	0	0.39	0
1	0.014	0	0.69	1	2.2	0	0.006	0	0.43	0	0.43	0	0.43	0	0.43	0	0.37	0	0.37	0
1	0.00209	0	0.0086	1	2.5	1	0.005	0	1.6	1	0.8	1	1.02	1	0.73	0	0.37	0	0.044	1
1	0.032	1	4.35	1	2.3	0	0.006	0	0.46	0	0.46	0	0.46	0	0.46	0	0.36	0	0.36	0
1	0.399	0	9.66	1	0.82999	1	0.10999	0	0.85	1	0.37	0	2	1	0.48	1	0.4	0	0.4	0
1	0.797	0	1.1	1			0.10999	0	0.38	0	0.38	0	0.57	1	0.38	0	0.39	0	0.39	0
0	0.38	0	0.038	0			0.05999	0	5.53	0	5.53	0	5.53	0	5.53	0	0.39	0	0.038	1
0	0.038	0	1.5	1			0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0	0.41	0	0.41	0
0	0.7	1	0.46	1			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0	0.39	0	0.39	0
0	0.36	0	2.2	1			0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0	0.39	0	0.39	0
0	1.5	1	1.3	1			0.05	0	0.36	0	0.36	0	0.36	0	0.36	0	0.38	0	0.022	1
0	1.2	1	0.3	1			0.05	0	0.40999	0	0.40999	0	0.40999	0	0.40999	0	0.39	0	0.39	0
0	0.14	1	2.42	0			0.05	0	0.33	0	0.33	0	0.33	0	0.33	0	0.39	0	0.39	0
0	2.42	0	2.53	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0	0.4	0	0.047	1
0	2.53	0	2.4	0			0.05	0	0.33	0	0.33	0	0.33	0	0.33	0	45	0		
0	2.4	0	2.41	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
0	2.41	0	2.56	0			0.05	0	0.34	0	0.34	0	0.34	0	0.34	0				
0	2.56	0	3.16	0			0.05999	0	0.68999	1	0.56999	1	0.55	1	0.34	0				
0	3.16	0	2.43	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
0	2.43	0	2.38	0			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
0	2.38	0	2.76	0			0.05	0	0.33	0	0.33	0	0.33	0	0.33	0				
0	2.76	0	2.31	0			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
0	2.31	0	2.07	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
0	2.07	0	2.19	0			0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
0	2.19	0	2.25	0			0.05	0	0.34	0	0.34	0	0.34	0	0.34	0				
0	2.25	0	2.2	0			0.05999	0	0.31	0	0.31	0	0.31	0	0.31	0				
0	2.2	0	2.16	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0				
0	2.16	0	2.15	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
0	2.15	0	2.12	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0				
0	2.12	0	2.19	0			0.05999	0	0.31999	0	0.31999	0	0.33	1	0.31999	0				
0	2.19	0	2.33	0			0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0				
0	2.33	0	2.28	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
0	2.28	0	2.27	0			2.8	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
0	2.27	0	2.25	0			3	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0				
0	2.25	0	2.1	0			3.2	0	0.34	0	0.34	0	0.38999	1	0.34	0				
0	2.1	0	2.13	0			3.1	0	2.12	1	0.34	0	0.34	0	0.34	0				
0	2.13	0	2.11	0			0.05	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				
0	2.11	0	2.28	0			0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0				
0	2.28	0	2.14	0			0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0				

0	2.14	0	2.17	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0	2.17	0	21	1	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0	7.3	1	2.6	1	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0	2.17	0	2.09	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.09	0	2.13	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.40999	1
1	2.13	0	2.14	0	0.05999	0	0.37	0	0.37	0	2.87	1	0.37	0
0	2.14	0	3.56	0	0.07	0	0.33	0	0.33	0	0.33	0	0.33	0
0	3.56	0	3.55	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
0	3.55	0	2.7	0	0.07	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.7	0	7.6	1	0.07	0	0.37999	0	0.37999	0	0.37999	0	0.37999	0
1	2.16	0	6	1	0.05999	0	0.34	0	0.34	0	0.34	0	0.46	1
1	2.17	0	3	1	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
1	2.15	0	2.27	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.27	0	2.17	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0	2.17	0	2.18	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
0	2.18	0	2.24	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
0	2.24	0	2.31	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
0	2.31	0	2.3	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
0	2.3	0	9	1	0.05999	0	0.38999	0	0.38999	0	0.38999	0	0.38999	0
0	2.21	0	2.35	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0	2.35	0	2.24	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
1	2.24	0	2.28	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0	2.28	0	2.15	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.41999	1
0	2.15	0	2.24	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0	2.24	0	2.09	0	0.05999	0	0.37	0	0.37	0	0.37	0	0.37	0
0	2.09	0	2.22	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.22	0	2.28	0	0.05999	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.28	0	2.21	0	0.14	1	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0	2.21	0	2.52	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.52	0	2.23	0	0.05	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0	2.23	0	2.11	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0	2.11	0	2.23	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.44999	1
0	2.23	0	2.26	0	0.05	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.26	0	2.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
0	2.33	0	2.14	0	0.05	0	3.57	1	3.26	0	3.26	0	3.26	0
0	2.14	0	2.26	0	0.05999	0	0.37999	0	0.37999	0	0.67	1	0.61	1
0	2.26	0	2.27	0	0.05999	0	0.34	0	0.34	0	0.34	0	0.34	0
0	2.27	0	2.23	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
0	2.23	0	2.15	0	0.05999	0	0.33	0	0.33	0	0.33	0	0.33	0
0	2.15	0	2.2	0	0.05	0	0.34	0	0.34	0	0.34	0	0.34	0
0	2.2	0	2.31	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0
0	2.31	0	2.5	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	0.31999	0
0	2.5	0	2.32	0	0.012	0	0.33	0	0.33	0	0.33	0	0.33	0
0	2.32	0	2.3	0	0.011	0	0.31	0	0.31	0	0.31	0	0.31	0
0	2.3	0	2.33	0	0.001	1	0.34	0	0.34	0	0.34	0	0.34	0
0	2.33	0	2.4	0	0.011	0	0.36	0	0.36	0	0.36	0	0.36	0
0	2.4	0	2.31	0	0.012	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0

0	2.31	0	2.07	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0		
0	2.07	0	2.19	0	0.012	0	0.69999	1	0.94999	1	1.06	1	0.99	1		
0	2.19	0	2.39	0	0.012	0	0.34	0	0.34	0	0.34	0	0.34	0		
0	2.39	0	2.25	0	0.012	0	0.34999	0	0.34999	0	0.34999	0	0.34999	0		
0	2.25	0	2.33	0	0.012	0	0.39	0	0.39	0	0.39	0	0.39	0		
0	2.33	0	7.5	1	0.012	0	0.18	1	0.18	1	0.34	1	0.13	1		
0	2.28	0	2.52	0	0.003	1	0.5	1	0.5	1	1.1	1	0.4	1		
0	2.52	0	4.2	1	0.012	0	0.2	1	0.078	1	0.32	1	0.12	1		
0	2.21	0	2.36	0	0.012	0	0.14	1	0.14	1	0.11	1	0.028	1		
0	2.36	0	2.29	0	11	0	0.037	1	0.044	1	0.034	1	0.39	0		
0	2.29	0	6.6	1			1.3	1	1	1	2	1	0.8	1		
0	2.34	0	2.32	0			0.047	1	0.074	1	0.18	1	0.057	1		
0	2.32	0	2.56	0			0.085	1	0.11	1	0.2	1	0.075	1		
0	2.56	0	2.39	0			0.025	1	0.029	1	0.048	1	0.39	0		
0	2.39	0	2.41	0			0.47	1	0.44	1	0.67	1	0.26	1		
0	2.41	0	2.33	0			0.086	1	0.078	1	0.12	1	0.042	1		
0	2.33	0	2.31	0			0.02	1	0.019	1	0.037	1	0.39	0		
0	2.31	0	2.21	0			0.56	1	0.083	1	0.37	1	0.13	1		
0	2.21	0	2.23	0												
0	2.23	0	2.24	0												
0	2.24	0	2.24	0												
0	2.24	0	2.54	0												
0	2.54	0	2.78	0												
0	2.78	0	2.83	0												
0	2.83	0	2.28	0												
0	2.28	0	2.51	0												
0	2.51	0	2.36	0												
0	2.36	0	2.75	0												
0	2.75	0	2.44	0												
0	2.44	0	3.16	0												
0	3.16	0	2.34	0												
0	2.34	0	2.34	0												
0	2.34	0	2.3	0												
0	2.3	0	4.8	1												
0	2.53	0	2.1	0												
0	2.1	0	2.25	0												
0	2.25	0	2.29	0												
0	2.29	0	2.18	0												
0	2.18	0	2.18	0												
0	2.18	0	2.29	0												
0	2.29	0	2.13	0												
0	2.13	0	2.27	0												
0	2.27	0	2.18	0												
0	2.18	0	2.2	0												
0	2.2	0	2.36	0												
0	2.36	0	2.2	0												
0	2.2	0	2.29	0												

0	2.29	0	2.53	0
0	2.53	0	2.39	0
0	2.39	0	2.36	0
0	2.36	0	2.31	0
0	2.31	0	2.41	0
0	2.41	0	2.4	0
0	2.4	0	2.41	0
0	2.41	0	2.53	0
0	2.53	0	9.1	1
1	2.23	0	2.26	0
0	2.26	0	2.4	0
0	2.4	0	2.48	0
0	2.48	0	2.2	0
0	2.2	0	2.15	0
0	2.15	0	2.33	0
0	2.33	0	2.58	0
0	2.58	0	2.47	0
0	2.47	0	2.37	0
0	2.37	0	2.38	0
0	2.38	0	2	0
1	2	0	2.4	0
0	2.4	0	2.31	0
0	2.31	0	2.29	0
0	2.29	0	3.3	1
0	2.37	0	2.23	0
0	2.23	0	2.23	0
0	2.23	0	2.23	0
0	2.23	0	2.24	0
0	2.24	0	2.18	0
0	2.18	0	2.17	0
0	2.17	0	2.27	0
0	2.27	0	2.35	0
0	2.35	0	2.14	0
0	2.14	0	5.2	1
1	2.07	0	4.3	1
1	2.13	0	2.17	0
0	2.17	0	2.14	0
0	2.14	0	2.2	0
0	2.2	0	2.09	0
0	2.09	0	2.07	0
0	2.07	0	2.3	0
0	2.3	0	2.1	0
0	2.1	0	2.13	0
0	2.13	0	2.23	0
1	2.23	0	2.19	0
0	2.19	0	2.12	0
1	2.12	0	2.3	0

0	2.3	0	2.41	0
0	2.41	0	2.31	0
0	2.31	0	2.24	0
0	2.24	0	2.12	0
0	2.12	0	2.28	0
0	2.28	0	2.36	0
0	2.36	0	2.16	0
0	2.16	0	2.08	0
0	2.08	0	2.38	0
0	2.38	0	2.01	0
0	2.01	0	0.039	0
0	0.031	1	3.6	1
1	0.77	1	6	1
1	2.2	1	2	1
1	0.39	1	0.46	1
1	0.48	1	0.1	1
1	0.044	1	1.5	1
1	0.8	1	0.43	1
1	0.26	1	0.54	1
1	0.078	0	0.76	1
0	0.25	1	0.071	1
1	0.038	0	0.44	1
1	0.039	0	0.032	1
1	0.038	0	0.056	1
1	0.04	0		

Chromium	D_Chromiu	Dibenzo(a,l	D_Dibenzo	Dibromoch	D_Dibromc	Dichlorome	D_Dichloro	Ethyl benze	D_Ethyl be	Indeno(1,2	D_Indeno(:	Iron	D_Iron	Lead	D_Lead	Mercury	D_Mercury	Naphthaler	D_Naphtha	n-Butylben
2.21	1	0.064	1	0.00019	0	0.00017	0	0.00004	0	0.13	1	625	1	742	1	12.3	1	0.045	1	0.00011
3.57	1	0.012	1	0.00023	0	0.00033	1	0.00005	0	0.025	1	3600	1	9.69	1	0.892	1	0.00769	1	0.00013
3.18	1	0.0006	1	0.00017	0	0.00015	0	0.00004	0	0.0022	1	500	1	5.54	1	0.206	1	0.0012	1	0.00009
2.7	0	0.00028	0	2.7	0	2.7	0	2.7	0	0.00016	0	2400	1	38.6	1	9.63	1	0.00038	1	7.5
11.5	1	0.4	1	0.006	0	0.006	0	0.006	0	0.48	1	20300	1	10.2	1	3.01	1	0.12	1	3.3
10.4	1	0.00028	0	0.006	0	0.006	0	0.006	0	0.00026	1	17900	1	11.1	1	2.13	1	0.00051	1	0.05999
6.1	1	2.7	1	0.005	0	0.005	0	0.005	0	2.2	1	5340	1	37.6	1	9.14	1	0.38	0	0.05999
6.2	1	0.39	0	0.006	0	0.005	0	0.006	0	1.7	1	8830	1	1.38	1	0.023	1	0.39	0	0.05999
4	1	0.43	0	0.006	0	0.006	0	0.006	0	0.43	0	32.7	1	73.8	1	0.517	1	0.43	0	0.05999
11	1	0.73	0	0.005	0	0.005	0	0.005	0	0.73	0	8950	1	3.71	1	0.0394	1	0.73	0	0.09
6.5	1	0.46	0	0.006	0	0.006	0	0.006	0	0.46	0	11600	1	16.1	1	0.03999	0	0.46	0	0.05
3.3	1	0.37	0	0.10999	0	0.10999	0	0.10999	0	0.37	0			326	1	17.4	1	0.37	0	0.05
		0.38	0	0.10999	0	0.10999	0	0.10999	0	0.38	0			163	1	12.1	1	0.38	0	0.05999
		5.53	0	0.05999	0	0.05999	0	0.05999	0	5.53	0			334	1	0.84799	1	5.53	0	0.05
		0.31	0	0.05999	0	0.05999	0	0.05999	0	0.31	0			454	1	0.14499	1	0.31	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			99.7	1	1.32	1	0.31999	0	0.05
		0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0			380	1	2.02	1	0.36	0	0.05999
		0.36	0	0.05	0	0.05	0	0.05	0	0.36	0			129	1	2.39	1	0.36	0	0.05999
		0.40999	0	0.05	0	0.05	0	0.05	0	0.40999	0			269	1	2.76	1	0.40999	0	0.18
		0.33	0	0.05	0	0.05	0	0.05	0	0.33	0			256	1	1.77	1	0.33	0	0.05
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			297	1	8.91	1	0.33	0	0.05999
		0.33	0	0.05	0	0.05	0	0.05	0	0.33	0			119	1	0.62999	0	0.33	0	0.05999
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			102	1	0.6	0	0.34999	0	0.05999
		0.34	0	0.05	0	0.05	0	0.05	0	0.34	0			165	1	0.6	0	0.34	0	0.05
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			12.7	0	12.6	1	0.34	0	0.05999
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			34.7	1	0.34999	1	0.34	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	1	0.31999	0			12	0	0.61	0	0.31999	0	0.05999
		0.33	0	0.05	0	0.05	0	0.05	0	0.33	0			204	1	0.37	1	0.33	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			74.3	1	0.52999	1	0.31999	0	0.05999
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			12.1	0	3.2	1	0.34999	0	0.05999
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			11.9	0	10.3	1	0.31999	0	8.85
		0.34	0	0.05	0	0.05	0	0.05	0	0.34	0			61.5	1	2.78	1	0.34	0	8
		0.31	0	0.05999	0	0.05999	0	0.05999	0	0.31	0			374	1	0.34999	1	0.31	0	4.9
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			124	1	0.56	0	0.33	0	18.3
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			198	1	1.72	1	0.34	0	13
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			404	1	0.52999	0	0.33	0	0.05
		0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0			36.5	1	4.27	1	0.31999	0	0.10999
		0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0			994	1	0.31999	1	0.33	0	0.05999
		0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0			131	1	3.58	1	0.34	0	0.05999
		0.34999	0	4.8	1	2.8	0	3.2	1	0.34999	0			288	1	0.52999	0	0.34999	0	0.56
		0.31999	0	3	0	3	0	3	0	0.31999	0			11.4	0	0.55	0	0.31999	0	0.05999
		0.34	0	3.2	0	3.2	0	3.2	0	0.34	0			27.2	1	5.74	1	0.34	0	0.05999
		0.34	0	3.1	0	3.1	0	3.1	0	0.34	0			11	0	14.09	1	0.34	0	0.05999
		0.34999	0	0.05	0	0.05	0	0.05	0	0.34999	0			12.5	1	3.15	1	0.34999	0	0.05999
		0.34	0	0.05999	0	0.05999	0	0.41999	1	0.34	0			10.7	0	0.76999	1	0.34	0	0.07
		0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0			75.3	1	0.74	1	0.34999	0	0.05999

0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	27.6	1	0.73	1	0.34999	0	0.07999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	20.7	1	0.66	1	0.34	0	0.14
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	55.3	1	0.56999	0	1.16	1	0.05999
0.36	0	0.05999	0	0.05999	0	0.05999	0	0.63999	1	426	1	0.50999	1	0.36	0	0.05999
0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	42.5	1	0.54	0	0.38999	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	433	1	11	1	0.37	0	0.10999
0.33	0	0.07	0	0.07	0	0.07	0	0.33	0	150	1	3.73	1	0.33	0	0.05999
0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	87.1	1	0.51999	0	0.36	0	0.17
0.36	0	0.07	0	0.07	0	0.38999	1	0.36	0	64.4	1	0.67	1	0.36	0	0.05999
0.37999	0	0.07	0	0.07	0	0.07	0	0.37999	0	72.2	1	0.54	0	0.37999	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	46.6	1	1.23	1	0.34	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	10.8	0	2.15	1	0.34	0	0.05999
0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	215	1	0.68	0	0.36	0	0.05999
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	613	1	5.99	1	0.34999	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	10.5	0	9.36	1	0.37	0	0.12999
0.38999	0	0.05999	0	0.05999	0	0.1	1	0.38999	0	45.7	1	1.69	1	0.38999	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	44.4	1	0.56999	0	0.37	0	0.05999
0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	832	1	0.54	0	0.61	1	0.05
0.38999	0	0.05999	0	0.05999	0	0.05999	0	0.38999	0	1580	1	0.92	1	0.46	1	0.05999
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	922	1	0.8	1	0.34999	0	0.91
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	51.7	1	0.57999	0	0.34999	0	0.07
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	223	1	0.57999	0	0.34	0	0.07999
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	10.8	0	2.79	1	0.34999	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	11.4	0	0.58999	0	0.34	0	0.05999
0.37	0	0.05999	0	0.05999	0	0.05999	0	0.37	0	284	1	0.58999	0	0.37	0	0.05
0.36	0	0.05	0	0.05	0	0.05	0	0.36	0	234	1	0.83999	1	0.36	0	0.05999
0.36	0	0.05999	0	0.05999	0	0.05999	0	0.36	0	194	1	0.62999	1	0.36	0	0.05
0.34999	0	0.05999	0	0.05999	0	0.09	1	0.34999	0	412	1	0.56999	0	0.34999	0	0.05999
0.36	0	0.05	0	0.05	0	0.05	0	0.36	0	45	1	0.54	0	0.36	0	0.10999
0.34999	0	0.05	0	0.05	0	0.15999	1	0.34999	0	11.5	0	0.56	0	0.34999	0	0.05999
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	22.1	1	0.51999	0	0.34	0	0.05999
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	25.2	1	0.75999	1	0.33	0	0.05
0.36	0	0.05	0	0.05	0	0.05	0	0.36	0	44.1	1	0.56999	0	0.36	0	0.05999
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	83	1	0.55	0	0.33	0	0.05999
3.26	0	0.05	0	0.05	0	0.05	0	3.26	0	131	1	0.50999	1	3.26	0	
0.37999	0	0.05999	0	0.05999	0	0.05999	0	0.37999	0	11.4	0	0.56	0	0.37999	0	
0.34	0	0.05999	0	0.05999	0	0.05999	0	0.34	0	26.3	1	0.52999	0	0.34	0	
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	67.2	1	0.56	0	0.33	0	
0.33	0	0.05999	0	0.05999	0	0.05999	0	0.33	0	33.9	1	0.88999	1	0.33	0	
0.34	0	0.05	0	0.05	0	0.05	0	0.34	0	513	1	1.29	1	0.34	0	
0.34999	0	0.05999	0	0.05999	0	0.05999	0	0.34999	0	18.7	1	1.58	1	0.34999	0	
0.31999	0	0.05999	0	0.05999	0	0.05999	0	0.31999	0	49.2	1	1.35	1	0.31999	0	
0.33	0	0.012	0	0.003	1	0.012	0	0.33	0	104	1	1.72	1	0.33	0	
0.31	0	0.011	0	0.004	1	0.011	0	0.31	0	171	1	0.56	0	0.31	0	
0.34	0	0.011	0	0.035	1	0.011	0	0.34	0	218	1	0.54	0	0.34	0	
0.36	0	0.011	0	0.039	1	0.011	0	0.36	0	19.5	1	2.09	1	0.36	0	
0.34999	0	0.012	0	0.058	1	0.012	0	0.34999	0	189	1	0.57999	0	0.34999	0	

0.34	0	0.012	0	0.008	1	0.012	0	0.34	0
0.47999	1	0.012	0	0.006	1	0.012	0	0.31999	0
0.34	0	0.012	0	0.009	1	0.012	0	0.34	0
0.34999	0	0.012	0	0.002	1	0.012	0	0.34999	0
0.39	0	0.012	0	0.002	1	0.012	0	0.39	0
0.37	0	0.012	0	0.038	1	0.012	0	0.11	1
0.12	1	0.012	0	0.002	1	0.008	1	0.36	1
0.36	0	0.012	0	0.002	1	0.012	0	0.059	1
0.4	0	0.012	0	0.01	1	0.012	0	0.074	1
0.39	0	11	0	11	0	11	0	0.39	0
0.18	1							0.51	1
0.41	0							0.065	1
0.39	0							0.088	1
0.39	0							0.39	0
0.081	1							0.2	1
0.39	0							0.052	1
0.39	0							0.39	0
0.4	0							0.096	1
45	0								

33.8	1	5.61	1	0.34	0
78.5	1	6.67	1	0.31999	0
128	1	20.8	1	0.34	0
1920	1	0.63999	1	0.34999	0
11.2	0	0.76999	1	0.39	0
20.9	1	0.57999	0	0.083	1
1.93	1	0.51999	0	0.081	1
45	1	0.89999	1	0.065	1
157	1	0.6	0	0.17	1
3000	1	3.84	1	0.31	1
205	1	0.57999	0	0.14	1
234	1	0.89999	1	0.059	1
22.4	1	0.62999	0	0.036	1
13.8	1	1.74	1	0.39	0
57.4	1	0.58999	0	0.042	1
105	1	2.04	1	0.85	1
107	1	0.56999	0	0.39	0
70.5	1	3.97	1	0.4	0
157	1	0.56999	1	18	1
33.2	1	18.1	1		
325	1	0.55	1		
22.7	1	12.4	1		
16.6	1	3.51	1		
11.8	0	0.55	0		
321	1	0.77999	1		
72	1	0.56	0		
26.3	1	0.56	0		
62.6	1	3.16	1		
57.5	1	6.07	1		
53.7	1	13	1		
12	0	0.91	1		
305	1	1.43	1		
80.3	1	0.58999	0		
91.6	1	1.31	1		
42.9	1	10	1		
69	1	10	1		
11.2	0	0.58999	0		
520	1	0.56999	0		
876	1	0.57999	0		
1100	1	0.64999	1		
80.9	1	0.56999	0		
653	1	5	1		
204	1	1.02	1		
347	1	4.58	1		
86.2	1	0.89999	1		
232	1	0.56	0		
11.7	0	0.56999	0		

22.5	1	5.08	1
77.1	1	0.73	1
37.4	1	0.56999	0
11.3	0	4.04	1
436	1	10.4	1
33.6	1	2.66	1
65.9	1	2.63	1
20.1	1	2.37	1
12.5	0	20.8	1
628	1	0.56999	0
104	1	0.62999	0
24.8	1	0.81999	1
327	1	1.63	1
62.6	1	0.57999	0
71.5	1	0.6	0
32	1	0.6	0
15.4	1	2.73	1
246	1	0.77999	1
46.2	1	1.89	1
137	1	0.56	0
4430	1	0.6	0
160	1	0.70999	1
81.2	1	0.55	0
12.7	1	0.54	0
207	1	0.57999	0
214	1	2.16	1
383	1	2.55	1
53.7	1	2.14	1
112	1	0.56	0
12	0	2.03	1
29.7	1	0.67	1
26.3	1	0.76999	1
32.8	1	0.56999	0
468	1	0.56999	0
231	1	1.18	1
29	1	0.62	0
132	1	0.64999	0
65.8	1	1.52	1
169	1	0.64999	0
249	1	0.64999	0
265	1	0.58999	0
176	1	0.57999	0
559	1	0.56	0
95.6	1	0.57999	0
239	1	0.56999	0
74.7	1	0.75999	1
122	1	1.44	1

218	1	0.56	1
285	1	3.82	1
91.1	1	10.4	1
507	1	9.92	1
38.9	1	2.86	1
20.3	1	0.55	0
98.7	1	17.2	1
134	1	19.4	1
418	1	0.56	0
366	1	0.56	0
11.4	0	0.56	0
66	1	5.18	1
368	1	2.13	1
48.2	1	0.62	1
145	1	1.54	1
116	1	8.63	1
281	1	3.3	1
34.4	1	1.71	1
19.2	1	3.91	1
116	1	9.11	1
541	1	9.98	1
44.6	1	15.4	1
14.5	1	3.81	1
186	1	18.5	1
299	1	7.19	1
996	1	15.4	1
3650	1	6.27	1
99.1	1	3.96	1
90.1	1	1.63	1
23.2	1	14.6	1
153	1	6.9	1
20.3	1	2.14	1
111	1	0.56999	0
85.1	1	0.87999	1
167	1	0.57999	0
66.2	1	0.56	0
159	1	0.52999	0
51.6	1	0.56999	0
97.2	1	0.58999	0
501	1	4.32	1
220	1	1.76	1
76.6	1	0.95999	1
197	1	0.8	1
105	1	0.1	1
52.4	1	3.2	1
11.5	0	9.2	1
131	1	1.2	1

146	1	2.9	1
289	1	0.00999	0
454	1	3.3	1
339	1	0.36	1
11.8	0	0.68999	1
54.6	1	0.41999	1
51	1	0.49	1
104	1	3.9	1
124	1	0.18999	1
25.1	1	1.2	1
119	1	0.05	0
128	1		
65	1		
346	1		
63.9	1		
122	1		
124	1		
93.4	1		
185	1		
821	1		
931	1		
63.8	1		
393	1		
190	1		

D_n-Butylb	n-Propylbe	D_n-Propyl	Vanadium	D_Vanadium
0	0.00007	0	28.8	1
0	0.00008	0	4.42	1
0	0.00006	0	4.75	1
1	1.81	1	2.63	1
1	3	1	12.3	1
0	0.05999	0	2.18	1
0	0.05999	0	9.9	1
0	0.05999	0	61	1
0	0.05999	0	59.1	1
1	0.05	0	29.4	1
0	0.05	0	22.5	1
0	0.05	0	19.1	1
0	0.05999	0	17.8	1
0	0.05	0	14.5	1
0	0.05999	0		
0	0.05	0		
0	0.05999	0		
0	0.05999	0		
1	0.05999	0		
0	0.05	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
1	20.8	1		
1	2.8	0		
1	3	0		
1	3.2	0		
1	3.1	0		
0	0.05	0		
1	0.05999	0		
0	0.05999	0		
0	0.05999	0		
1	0.07	1		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.05999	0		
0	0.10999	1		
0	0.05999	0		

1	0.07999	1
1	0.07	0
0	0.10999	1
1	0.05999	0
0	0.05999	0
1	0.05999	0
0	0.21999	1
1	0.31	1
0	0.21999	1
0	0.2	1
0	0.05999	0
0	0.05999	0
0	0.05999	0
0	0.05999	0
1	0.07	1
0	0.05999	0
0	0.05999	0
0	0.05	0
0	0.10999	1
1	0.07999	1
1	0.05	0
1	0.05	0
0	0.05999	0
0	0.05999	0
0	0.05	0
0	0.05999	0
0	0.05	0
0	0.05999	0
1	0.05999	0
0	0.05999	0
0	0.05999	0
0	0.05	0
0	0.05999	0
0	0.05999	0

1,2,4-Trim	D_1,2,4-Tı	1-Methyl Nap	D_1-Methy	Aluminum	D_Alumin	Antimony	D_Antimor	Aroclor-1254	D_Aroclor-	Aroclor-1260	D_Aroclor-	Aroclor-1268	D_Aroclor-	Arsenic	D_Arsenic	Benzo(a)anth	D_Benzo(a)a	Benzo(a)py	D_Benzo(a)py
0.00011	0	0.37999	0	2180	1	0.11999	1	0.0019	0	0.061	0	0.48	1	2.1	1	20	1	16	1
0.00013	0	0.31999	0	1840	1	0.05	1	0.0017	0	0.029	0	0.2	1	0.6	1	0.0083	1	0.011	1
0.00011	0	0.31999	0	4100	1	0.05	1	0.0078	0	0.018	0	0.14	1	0.38999	1	0.13	1	0.19	1
0.00011	0	0.31	0	1980	1	0.15	1	0.019	0	0.019	0	1.5	1	0.28	1	0.058	1	0.076	1
0.00012	0	0.31999	0	511	1	0.324	1	0.0019	0	0.034	0	0.35	1	0.18	0	0.014	1	0.015	1
0.00011	0	0.31999	0	3400	1	0.056	1	0.02	1	0.025	0	0.16	1	0.37999	1	0.095	1	0.098	1
0.00011	0	0.31999	0	3150	1	0.03799	1	0.037	0	0.05	0	0.27	1	0.33	1	0.0091	1	0.013	1
0.00013	0	0.31	0	3270	1	0.05	1	0.0019	0	0.057	0	0.46	1	0.4	1	0.22	1	0.4	1
0.00013	0	0.31	0	2170	1	0.037	1	0.27	1	0.021	0	3.2	1	2.84	1	0.00068	1	0.00052	1
0.05	0	0.31999	0	3680	1	0.04699	1	0.3	1	0.055	0	52	1	2.2	0	0.041	1	0.045	1
0.05999	0	0.31	0	3070	1	0.056	1	0.00469	1	0.00209	0	0.053	1	2.1	0	0.038	1	0.043	1
0.05999	0	0.31999	0	2000	1	0.04399	1	0.057	1	0.012	0	1.1	1	6	0	0.22	1	0.26	1
0.05999	0	0.31999	0	2500	1	0.06499	1	0.0032	1	0.00209	0	0.09	1	2.5	1	0.00209	1	0.0013	1
0.05999	0	0.3	0	3000	1	13	0	0.0043	1	0.00209	0	0.079	1	2	0	0.399	0	0.399	0
0.05999	0	0.3	0	1600	1	13	0	0.15	0	0.087	0	1.2	1	1.5	0	0.399	0	0.399	0
0.05	0	0.34	0	1700	1	22	1	0.015	1	0.00209	0	1	1	1.5	0	0.399	0	0.399	0
0.05999	0	0.34999	0	4300	1	1.1	0	0.0036	1	0.00209	0	0.075	1	1.6	0	0.399	0	0.399	0
0.05	0	0.34	0			1.1	0	2.29	1	0.0399	0	9.06	1			1.2	0	1.61	1
0.05	0	0.74	1			1.1	1	1.14	1	0.0399	0	4.35	1			0.37	0	0.37	0
0.05	0	0.31999	0			1.1	0	1.59	0	1.59	0	26.6	1			0.35	0	0.35	0
0.05	0	0.33	0			2.5	1	0.145	1	0.0399	0	2.17	1			0.31999	0	0.31999	0
0.05	0	0.34	0					0.199	0	0.199	0	3.02	1			0.33	0	0.33	0
0.05	0	0.34999	0					0.0399	0	0.0399	0	0.374	1			0.36	0	0.36	0
0.05	0	0.34999	0					0.0386	0	0.0386	0	0.0386	0			0.36	0	0.36	0
0.05	0	0.34	0					0.392	1	0.0392	0	0.404	1			0.37	0	0.37	0
0.05	0	0.36	0					1.07	1	0.0811	0	3.07	1			0.37	0	0.37	0
0.05	0	0.31999	0					0.0367	0	0.0367	0	0.133	1			0.31	0	0.31	0
0.05	0	0.34999	0					0.0359	0	0.0359	0	0.0359	0			0.31999	0	0.31999	0
0.05	0	0.34	0					0.0415	0	0.0415	0	0.0855	1			0.37	0	0.37	0
0.05	0	0.37999	0					0.0368	0	0.0368	0	0.0368	0			0.33	0	0.33	0
0.05	0	0.37999	0					0.0345	0	0.0345	0	0.04179	1			0.37999	0	0.37999	0
0.05	0	0.33	0					0.037	0	0.037	0	0.037	0			0.31999	0	0.31999	0
0.05	0	0.36	0					0.0358	0	0.0358	0	0.0619	1			0.31999	0	0.31999	0
0.05	0	0.38999	0					0.0351	0	0.0351	0	0.0351	0			0.31	0	0.31	0
0.05	0	0.38999	0					0.035	0	0.035	0	0.035	0			0.31999	0	0.31999	0
0.05	0	0.34999	0					0.0361	0	0.0361	0	0.0361	0			0.31999	0	0.31999	0
0.05999	0	0.34	0					0.038	0	0.038	0	0.038	0			0.31999	0	0.31999	0
0.05999	0	0.33	0					0.11	0	0.11	0	0.11	0			0.31	0	0.31	0
0.05999	0	0.41999	1					0.11	0	0.11	0	0.2	1			0.31	0	0.31	0
0.05999	0	0.36	0					2.14	0	2.14	0	2.14	0			0.31999	0	0.31999	0
0.05	0	1.27	1					2.23	0	2.23	0	2.23	0			0.31	0	0.31	0
0.05999	0	0.33	0					2.4	0	2.4	0	2.4	0			0.31999	0	0.31999	0
0.05999	0	2.02	1					2.39	0	2.39	0	2.39	0			0.31999	0	0.31999	0
0.05999	0	0.34	0					2.44	0	2.44	0	2.44	0			0.3	0	0.3	0
0.05999	0	0.34999	0					2.47	0	2.47	0	2.47	0			0.3	0	0.3	0
0.05999	0	0.34	0					2.07	0	2.07	0	2.07	0			0.34	0	0.34	0

0.05999	0	0.34	0	2.1	0	2.1	0	4.4	1	0.34999	0	0.34999	0		
0.05	0	0.31999	0	2.13	0	2.13	0	3	1	0.34	0	0.34	0		
0.05999	0	0.34	0	2.23	0	2.23	0	2.23	0	0.34	0	0.57999	1		
0.05999	0	0.34	0	2.13	0	2.13	0	2.13	0	0.31999	0	0.31999	0		
0.05999	0	0.34999	0	2.44	0	2.44	0	2.44	0	0.33	0	0.33	0		
0.05999	0	0.34999	0	2.2	0	2.2	0	2.2	0	0.34	0	0.34	0		
0.2	1	0.34	0	2.53	0	2.53	0	240	1	0.34999	0	0.34999	0		
3.2	1	0.33	0	2.11	0	2.11	0	2.11	0	0.34999	0	0.34999	0		
0.07	0	0.34	0	2.16	0	2.16	0	2.16	0	0.34	0	0.34	0		
0.07	0	0.36	0	2.07	0	2.07	0	2.07	0	0.36	0	0.36	0		
0.09	1	0.31	0	2.14	0	2.14	0	2.14	0	0.31999	0	0.31999	0		
0.05999	0	0.3	0	2.15	0	2.15	0	2.15	0	0.34999	0	0.34999	0		
0.05999	0	0.31	0	2.15	0	2.15	0	2.15	0	0.34	0	0.34	0		
0.05999	0	0.31	0	2.08	0	2.08	0	3.11	1	0.37999	0	0.37999	0		
0.05999	1			2.07	0	2.07	0	2.07	0	4.21	1	0.37999	0		
0.33	1			2.11	0	2.11	0	2.11	0	0.33	0	0.33	0		
0.05999	0			2.08	0	2.08	0	2.08	0	0.36	0	0.36	0		
0.11999	1			2.13	0	2.13	0	2.13	0	0.38999	0	0.38999	0		
0.05999	0			2.12	0	2.12	0	2.12	0	0.38999	0	0.38999	0		
0.05999	0			2.08	0	2.08	0	2.08	0	0.34999	0	0.34999	0		
0.05999	0			2.11	0	2.11	0	2.11	0	0.34	0	0.34	0		
0.05999	0			2.19	0	2.19	0	2.19	0	0.33	0	0.33	0		
0.05	0			2.17	0	2.17	0	2.17	0	0.34	0	0.34	0		
0.05999	0			2.07	0	2.07	0	2.07	0	0.36	0	0.36	0		
0.05999	0			2.15	0	2.15	0	2.15	0	0.85	1	1.17	1		
0.05999	0			2.29	0	2.29	0	2.29	0	0.33	0	0.33	0		
0.05999	0			2.31	0	2.31	0	2.31	0	3.84	1	2.87	1		
0.05999	0			2.27	0	2.27	0	2.27	0	0.34	0	0.34	0		
0.05999	0			2.25	0	2.25	0	2.25	0	0.34999	0	0.34999	0		
0.05999	0			2.12	0	2.12	0	2.12	0	0.34	0	0.34	0		
0.05999	0			2.22	0	2.22	0	2.22	0	0.34	0	0.34	0		
0.05	0			2.24	0	2.24	0	2.24	0	0.31999	0	0.31999	0		
0.05	0			2.31	0	2.31	0	2.31	0	0.34	0	0.34	0		
0.05	0			2.31	0	2.31	0	2.31	0	0.34	0	0.34	0		
0.05	0			2.26	0	2.26	0	2.26	0	0.34999	0	0.34999	0		
				2.39	0	2.39	0	2.39	0	0.34999	0	0.34999	0		
				2.15	0	2.15	0	2.15	0	0.34	0	0.34	0		
				2.34	0	2.34	0	2.34	0	0.33	0	0.33	0		
				2.24	0	2.24	0	2.24	0	0.34	0	0.34	0		
				2.28	0	2.28	0	2.28	0	0.36	0	0.36	0		
				2.33	0	2.33	0	2.33	0	0.31	0	0.31	0		
				2.4	0	2.4	0	2.9	1	0.3	0	0.3	0		
				2.18	0	2.18	0	2.18	0	0.31	0	0.31	0		
				3.3	1	2.4	0	2.4	0	0.31	0	0.31	0		
				2.55	0	2.55	0	2.55	0	6.8	0	6.8	0		
				2.35	0	2.35	0	2.35	0	0.35	0	0.35	0		
				2.56	0	2.56	0	1.95	1	0.35	0	0.36	0		

2.38	0	2.38	0	6	1	0.35	0	0.35	0
12	0	12	0	34	1	0.23	1	0.29	1
2.36	0	2.36	0	12	1				
2.4	0	2.4	0	7.2	1				
2.38	0	2.38	0	2.38	0				
2.49	0	2.49	0	2.49	0				
2.35	0	2.35	0	2.35	0				
2.33	0	2.33	0	2.33	0				
2.53	0	2.53	0	2.53	0				
2.21	0	2.21	0	12	1				
2.4	0	2.4	0	2.4	0				
2.6	0	2.6	0	2.6	0				
2.62	0	2.62	0	2.62	0				
2.65	0	2.65	0	2.65	0				
2.28	0	2.28	0	5.7	1				
2.24	0	2.24	0	2.24	0				
2.13	0	2.13	0	2.13	0				
2.31	0	2.31	0	2.31	0				
2.25	0	2.25	0	2.25	0				
2.22	0	2.22	0	2.22	0				
2.28	0	2.28	0	2.28	0				
2.7	1	2.39	0	6.2	1				
2.32	0	2.32	0	2.32	0				
2.22	0	2.22	0	3.1	1				
2.27	0	2.27	0	2.27	0				
2.27	0	2.27	0	2.27	0				
2.27	0	2.27	0	7.9	1				
2.25	0	2.25	0	2.25	0				
2.31	0	2.31	0	2.3	1				
2.3	0	2.3	0	2.3	0				
2.3	0	2.3	0	2.3	0				
2.16	0	2.16	0	2.16	0				
2.28	0	2.28	0	2.28	0				
2.27	0	2.27	0	2.27	0				
2.33	0	2.33	0	2.33	0				
2.35	0	2.35	0	2.35	0				
2.28	0	2.28	0	5.9	1				
2.21	0	2.21	0	2.21	0				
2.27	0	2.27	0	2.8	1				
2	0	2	0	10	1				
2.06	0	2.06	0	2.3	1				
2.12	0	2.12	0	2.12	0				
2.07	0	2.07	0	2.07	0				
2.07	0	2.07	0	2.07	0				
2.09	0	2.09	0	2.09	0				
2.04	0	2.04	0	2.04	0				
2.02	0	2.02	0	2.02	0				

2.11	0	2.11	0	2.7	1
2.08	0	2.08	0	2.08	0
2.07	0	2.07	0	2.07	0
2.06	0	2.06	0	2.06	0
2.06	0	2.06	0	2.06	0
2.09	0	2.09	0	2.09	0
2.05	0	2.05	0	2.05	0
0.034	0	0.034	0	0.37	1
0.035	0	0.035	0	0.23	1
0.18	0	0.18	0	1.5	1
0.36	0	0.36	0	2.6	1
2.31	0	2.31	0	2.31	0
2.28	0	2.28	0	2.28	0
2.35	0	2.35	0	2.35	0
2.29	0	2.29	0	2.29	0
2.32	0	2.32	0	2.32	0
2.35	0	2.35	0	2.35	0
2.49	0	2.49	0	2.49	0
3.36	0	3.36	0	3.36	0
2.67	0	2.67	0	2.67	0
2.51	0	2.51	0	2.51	0
2.22	0	2.22	0	2.22	0
2.01	0	2.01	0	1.37	1
2.01	0	2.01	0	1.76	1
2.01	0	2.01	0	9.51	1
2.02	0	2.02	0	1.7	1
2.01	0	2.01	0	2.01	0
2.17	0	2.17	0	2.17	0
2.15	0	2.15	0	2.15	0
2.18	0	2.18	0	2.18	0
2.19	0	2.19	0	2.19	0
2.21	0	2.21	0	2.21	0
2.24	0	2.24	0	2.24	0
0.018	0	0.018	0	0.9	1
0.017	0	0.017	0	0.017	0
0.018	0	0.018	0	0.034	1
0.017	0	0.017	0	0.095	1
0.017	0	0.017	0	0.18	1
0.017	0	0.017	0	0.23	1
0.017	0	0.017	0	0.45	1
0.017	0	0.017	0	0.9	1
0.035	0	0.035	0	12	1
0.035	0	0.035	0		
0.036	0	0.036	0		
0.035	0	0.035	0		
6.9	1	160	1		
		110.00001	1		

Benzo(b)fluc	D_Benzo(b)flu	Benzo(k)fluor	D_Benzo(k)flu	Chloroforn	D_Chlorofc	Chromium	D_Chromiu	Chrysene	D_Chrysen	Cobalt	D_Cobalt	Dibenzo(a,h	D_Dibenzo(a	Indeno(1,2,3	D_Indeno(1,	Iron	D_Iron	Lead	D_Lead
13	1	2.5	1	0.00005	0	7.7	1	30	1	0.79199	1	5.5	1	6	1	4350	1	31.6	1
0.013	1	0.0032	1	0.00006	0	2.63	1	0.014	1	0.43999	1	0.0033	1	0.00839	1	1930	1	8.77	1
0.13	1	0.028	1	0.00005	0	4.07	1	0.19	1	0.407	1	0.075	1	0.094	1	1400	1	3.7	1
0.082	1	0.02	1	0.00005	0	2.56	1	0.071	1	0.142	1	0.02	1	0.052	1	1180	1	443	1
0.022	1	0.014	1	0.0072	1	0.56999	1	0.022	1	0.035	1	0.0039	1	0.012	1	194	1	102	1
0.05	1	0.051	1	0.00005	0	2.44	1	0.13	1	0.268	1	0.029	1	0.052	1	1600	1	8.29	1
0.0093	1	0.002	1	0.0065	1	3.04	1	0.011	1	0.20299	1	0.0076	1	0.008	1	1110	1	32.3	1
0.19	1	0.053	1	0.0012	1	2.95	1	0.33	1	0.135	1	0.092	1	0.18	1	1050	1	181	1
0.00064	1	0.00032	1	0.00006	0	2.96	1	0.00041	1	0.25699	1	0.00028	0	0.00028	1	2040	1	118	1
0.089	1	0.028	1	0.005	0	3.2	1	0.035	1	11	0	0.012	1	0.042	1	1000	1	64	1
0.032	1	0.00769	1	0.005	0	3.2	1	0.072	1	11	0	0.012	1	0.023	1	1940	1	4.12	1
0.42	1	0.13	1	0.05	0	54	1	0.27	1	2.9	1	0.049	1	0.22	1	15000	1	29.8	1
0.0031	1	0.0008	1	0.05999	0	4.4	1	0.0036	1	2	0	0.00077	1	0.00094	1	9300	1	5.74	1
0.399	0	0.399	0	0.05999	0	3	1	0.399	0	0.43	0	0.399	0	0.399	0	3000	1	4.85	1
0.399	0	0.399	0	0.05999	0	1.8	1	0.399	0	0.43	0	0.399	0	0.399	0	830	1	13.4	1
0.399	0	0.399	0	0.05999	0	2.5	1	0.399	0	0.43	0	0.399	0	0.399	0	1200	1	16.8	1
0.399	0	0.399	0	0.05999	0	11	1	0.399	0	1	0	0.399	0	0.399	0	4100	1	3.43	1
1.2	0	1.2	0	0.05	0			1.2	0			1.2	0	1.2	0			205	1
0.37	0	0.37	0	0.05999	0			0.37	0			0.37	0	0.37	0			7.22	1
0.35	0	0.35	0	0.05	0			0.35	0			0.35	0	0.35	0			155	1
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			10.7	1
0.33	0	0.33	0	0.05	0			0.33	0			0.33	0	0.33	0			27.8	1
0.36	0	0.36	0	0.05	0			0.36	0			0.36	0	0.36	0			10.7	0
0.36	0	0.36	0	0.05	0			0.36	0			0.36	0	0.36	0			11.2	0
0.37	0	0.37	0	0.05	0			0.37	0			0.37	0	0.37	0			12	0
0.37	0	0.37	0	0.05	0			0.37	0			0.37	0	0.37	0			11.9	0
0.31	0	0.31	0	0.05	0			0.31	0			0.31	0	0.31	0			12.2	0
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			12.4	0
0.37	0	0.37	0	0.05	0			0.37	0			0.37	0	0.37	0			13.9	1
0.33	0	0.33	0	0.05	0			0.33	0			0.33	0	0.33	0			24.1	1
0.37999	0	0.37999	0	0.05	0			0.37999	0			0.37999	0	0.37999	0			196	1
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			166	1
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			10.7	0
0.31	0	0.31	0	0.05	0			0.31	0			0.31	0	0.31	0			12.2	0
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			11	0
0.31999	0	0.31999	0	0.05	0			0.33	1			0.31999	0	0.31999	0			323	1
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			60.1	1
0.31	0	0.31	0	0.05	0			0.31	0			0.31	0	0.31	0			10.8	0
0.31	0	0.31	0	0.05999	0			0.31	0			0.31	0	0.31	0			255	1
0.31999	0	0.31999	0	0.05999	0			0.31999	0			0.31999	0	0.31999	0			114	1
0.31	0	0.31	0	0.05999	0			0.31	0			0.31	0	0.31	0			260	1
0.31999	0	0.31999	0	0.05999	0			0.31999	0			0.31999	0	0.31999	0			10.7	0
0.31999	0	0.31999	0	0.05	0			0.31999	0			0.31999	0	0.31999	0			309	1
0.3	0	0.3	0	0.05999	0			0.3	0			0.3	0	0.3	0			10.4	0
0.3	0	0.3	0	0.05999	0			0.3	0			0.3	0	0.3	0			32.6	1
0.34	0	0.34	0	0.05999	0			0.34	0			0.34	0	0.34	0			21.8	1

0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	310	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	48.3	1
0.34	0	0.34	0	0.05999	0	0.46	1	0.34	0	0.34	0	16.1	1
0.31999	0	0.31999	0	0.05	0	0.31999	0	0.31999	0	0.31999	0	10.6	0
0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	21.3	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	10.8	1
0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	26.8	1
0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	10.7	0
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	126	1
0.36	0	0.36	0	0.25	0	0.36	0	0.36	0	0.36	0	118	1
0.31999	0	0.31999	0	0.07	0	0.31999	0	0.31999	0	0.31999	0	280	1
0.34999	0	0.34999	0	0.07	0	0.34999	0	0.34999	0	0.34999	0	494	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	177	1
0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0	72.2	1
0.37999	0	0.37999	0	0.05999	0	0.37999	0	0.37999	0	0.37999	0	234	1
0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	547	1
0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0	364	1
0.38999	0	0.38999	0	0.28999	0	0.38999	0	0.38999	0	0.38999	0	285	1
0.38999	0	0.38999	0	0.05999	0	0.38999	0	0.38999	0	0.38999	0	307	1
0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	980	1
0.34	0	0.34	0	0.1	1	0.34	0	0.34	0	0.34	0	455	1
0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	109	1
2.08	1	2.61	1	0.05999	0	1.01	1	0.34	0	0.34	0	128	1
0.36	0	0.36	0	0.05999	0	0.36	0	0.36	0	0.36	0	32.9	1
0.34999	0	0.34999	0	0.05	0	1.03	1	0.34999	0	0.34999	0	475	1
0.33	0	0.33	0	0.05999	0	0.33	0	0.33	0	0.33	0	268	1
1.86	1	1.96	1	0.05999	0	4.3	1	0.34	0	1.37	1	83.9	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	11.2	0
0.34999	0	0.34999	0	0.05999	0	0.34999	0	0.34999	0	0.34999	0	42.8	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	17.3	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	83.1	1
0.31999	0	0.31999	0	0.05999	0	0.31999	0	0.31999	0	0.31999	0	77.1	1
0.34	0	0.34	0	0.05999	0	0.34	0	0.34	0	0.34	0	75.2	1
0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0	46.2	1
0.34999	0	0.34999	0	0.05	0	0.34999	0	0.34999	0	0.34999	0	364	1
0.34999	0	0.34999	0	0.05	0	0.34999	0	0.34999	0	0.34999	0	124	1
0.34	0	0.34	0	0.05	0	0.34	0	0.34	0	0.34	0	295	1
0.33	0	0.33	0	0.072	0	0.33	0	0.33	0	0.33	0	244	1
0.6	1	0.4	1	0.011	0	0.54	1	0.34	0	0.34	0	44.8	1
0.36	0	0.36	0	0.011	0	0.36	0	0.36	0	0.36	0	635	1
0.31	0	0.31	0	0.011	0	0.31	0	0.31	0	0.31	0	252	1
0.3	0	0.3	0	0.011	0	0.3	0	0.3	0	0.3	0	110	1
0.31	0	0.31	0	0.048	1	0.31	0	0.31	0	0.31	0	243	1
0.31	0	0.31	0			0.31	0	0.31	0	0.31	0	820	1
						6.8	0	6.8	0	6.8	0	175	1
						0.35	0	0.35	0	0.35	0	38.9	1
						0.12	1	0.35	0	0.35	0	18.8	1

0.35	0	0.35	0	0.35	0	484	1
0.38	1	0.1	1	0.1	1	375	1
						422	1
						320	1
						382	1
						71.8	1
						192	1
						69.9	1
						65.8	1
						1040	1
						238	1
						874	1
						97	1
						71.4	1
						62.9	1
						125	1
						15.1	1
						29.3	1
						11.5	0
						30.3	1
						16.1	1
						12.5	1
						119	1
						638	1
						194	1
						60.7	1
						316	1
						330	1
						253	1
						49.6	1
						211	1
						149	1
						297	1
						420	1
						124	1
						143	1
						75.3	1
						265	1
						390	1
						102	1
						47.5	1
						45.8	1
						35	1
						43	1
						28.5	1
						29.2	1
						10.2	0

12.6	1
42.1	1
26.6	1
22.2	1
48.3	1
13.4	1
41.7	1
71.6	1
15	1
6.5	1
53	1
75	1
36	1
27	1
500	1
83	1
710	1
350	1
430	1
1200	1
690	1
700	1
390	1
1100	1
320	1
8	0
20	0
75	1

Manganes	D_Mangan	Mercury	D_Mercury	Naphthale	D_Naphtha	n-Butylben	D_n-Butylb	Tetrachloroet	D_Tetrachlor	Vanadium	D_Vanadiu	Zinc	D_Zinc
22.2	1	0.804	1	0.39	1	0.00009	0	0.00013	0	9.98	1	11.4	1
15.4	1	0.609	1	0.002	1	0.00012	0	0.00017	0	3.77	1	6	1
5.38	1	0.0724	1	0.06	1	0.00009	0	0.00013	0	3.93	1	4.04	1
11.5	1	1.22	1	0.015	1	0.00011	0	0.00014	0	7.13	1	36.1	1
3.27	1	1.04	1	0.0044	1	0.00011	0	0.00015	0	3.88	1	3960	1
8.97	1	0.265	1	0.11	1	0.00011	0	0.00014	0	9.65	1	38.2	1
14.9	1	0.576	1	0.0022	1	0.00009	0	0.00057	1	4.56	1	5.7	1
10.1	1	0.863	1	0.47	1	0.00012	0	0.00017	0	3.84	1	9.4	1
8	1	0.234	1	0.0004	1	0.00013	0	0.00017	0	0.56	1	0.94999	1
4.3	1	10.1	1	0.01	1	0.05	0	0.005	0	2.18	1	3.4	1
11.8	1	0.0769	1	0.0076	1	0.05999	0	0.005	0	2.95	1	6.7	1
84	1	1.25	1	0.0088	1	0.05999	0	0.05	0	4.46	1	4.8	1
39	1	1.36	1	0.00067	1	0.05999	0	0.05999	0	3.33	1	1.8	1
23	1	0.106	1	0.399	0	0.05999	0	0.05999	0	11	0	7.3	1
30	1	0.987	1	0.399	0	0.05999	0	0.05999	0	11	0	30.2	1
21	1	1.1	1	0.399	0	0.05	0	0.05999	0	13	1	510	1
31	1	0.155	1	0.399	0	0.05999	0	0.05999	0	9	0	65	1
		9.54	1	1.2	0	0.05	0	0.05	0	8	0	50	1
		13	1	0.37	0	0.05	0	0.05999	0	3	0	6	0
		23.4	1	0.35	0	0.05	0	0.05	0	3	0	7	0
		16.9	1	0.31999	0	0.05	0	0.05	0	12	1	55	1
		6.64	1	0.33	0	0.05	0	0.05	0				
		1.69	1	0.36	0	0.05	0	0.05	0				
		37.3	1	0.36	0	0.05	0	0.05	0				
		0.05499	0	0.37	0	0.05	0	0.05	0				
		0.057	0	0.37	0	0.05	0	0.05	0				
		0.059	0	0.31	0	0.05	0	0.05	0				
		0.059	0	0.31999	0	0.05	0	0.05	0				
		0.05499	0	0.37	0	0.05	0	0.05	0				
		0.056	0	0.33	0	0.05	0	0.05	0				
		0.059	0	0.37999	0	0.05	0	0.05	0				
		7.04	1	0.31999	0	0.05	0	0.05	0				
		0.056	0	0.31999	0	0.05	0	0.05	0				
		0.054	0	0.31	0	0.05	0	0.05	0				
		0.063	0	0.31999	0	0.05	0	0.05	0				
		0.056	0	0.31999	0	0.05	0	0.05	0				
		0.052	0	0.31999	0	0.05999	0	0.05	0				
		0.056	0	0.31	0	0.05999	0	0.05	0				
		0.054	0	0.31	0	0.05999	0	0.05999	0				
		0.05299	0	0.31999	0	0.05999	0	0.05999	0				
		0.05299	0	0.31	0	0.05	0	0.05999	0				
		0.05499	0	0.31999	0	0.05999	0	0.05999	0				
		0.28799	0	0.31999	0	0.05999	0	0.05	0				
		0.10999	0	0.3	0	0.05999	0	0.05999	0				
		0.10999	0	0.3	0	0.05999	0	0.05999	0				
		0.69999	1	0.34	0	0.05999	0	0.05999	0				

0.56	0	0.34999	0	0.05999	0	0.05999	0
0.6	0	0.34	0	0.05	0	0.05999	0
0.6	0	0.34	0	0.05999	0	0.05999	0
0.61	0	0.31999	0	0.05999	0	0.05	0
0.89999	1	0.33	0	0.05999	0	0.05999	0
1.29	1	0.34	0	0.05999	0	0.05999	0
1.52	1	0.34999	0	0.18	1	0.05999	0
3.99	1	0.34999	0	4.3	1	0.05999	0
2.02	1	0.34	0	0.07	0	0.05999	0
0.74	1	0.36	0	0.07	0	0.25	0
2.04	1	0.31999	0	0.18999	1	0.07	0
0.68	1	0.34999	0	0.05999	0	0.07	0
142	1	0.34	0	0.05999	0	0.05999	0
1.58	1	0.37999	0	0.05999	0	0.05999	0
0.31	1	0.37999	0	0.05999	0	0.05999	0
0.46	1	0.33	0	0.43999	1	0.05999	0
0.20999	1	0.36	0	0.05999	0	0.05999	0
1.21	1	0.38999	0	0.25	1	0.28999	0
0.54	0	0.38999	0	0.07999	1	0.05999	0
3.46	1	0.34999	0	0.05999	0	0.05999	0
0.51999	0	0.34	0	0.05999	0	0.05999	1
1.96	1	0.33	0	0.05999	0	0.05999	0
0.50999	1	0.34	0	0.05	0	0.05999	0
1.12	1	0.36	0	0.05999	0	0.05999	0
1.1	1	0.34999	0	0.05999	0	0.05	0
0.34999	1	0.33	0	0.05999	0	0.05999	0
0.52999	0	0.38999	1	0.05999	0	0.05999	0
0.55	0	0.34	0	0.05999	0	0.05999	0
0.54	0	0.34999	0	0.05999	0	0.05999	0
0.51999	0	0.34	0	0.05999	0	0.05999	0
0.54	0	0.34	0	0.05999	0	0.05999	0
0.56999	1	0.31999	0	0.05	0	0.05999	0
0.57999	0	0.34	0	0.05	0	0.05999	0
0.93999	1	0.34	0	0.05	0	0.05	0
0.56	0	0.34999	0	0.05	0	0.05	0
0.52999	0	0.34999	0			0.05	0
2.47	1	0.34	0			0.05	0
0.56999	1	0.33	0			0.072	0
0.81999	1	0.34	0			0.011	0
2.24	1	0.36	0			0.011	0
0.56999	0	0.31	0			0.011	0
0.6	0	0.3	0			0.011	0
0.54	0	0.31	0			0.004	1
0.58999	0	0.31	0				
0.73	1	6.8	0				
3.26	1	0.049	1				
0.57999	0	0.35	0				

4.28	1	0.35	0
0.54	0		
14.6	1		
20.6	1		
19.6	1		
9.97	1		
13.5	1		
85	1		
9.01	1		
9.48	1		
27.9	1		
1.95	1		
2.68	1		
0.70999	1		
0.62999	0		
12.5	1		
3.65	1		
0.64999	0		
1.44	1		
0.81999	1		
9.17	1		
1.17	1		
0.52999	0		
2.14	1		
3.86	1		
2.24	1		
0.56999	0		
7.78	1		
18.3	1		
3.03	1		
4.8	1		
2.9	1		
6.54	1		
3.1	1		
2.02	1		
0.56999	0		
3.81	1		
0.98	1		
4.12	1		
0.69999	1		
0.69999	1		
1.76	1		
3.41	1		
1	1		
3.47	1		
9.58	1		
11.9	1		

2.36	1
4.52	1
2.26	1
2.48	1
0.50999	0
0.51999	1
3.68	1
1	1
0.89999	1
1.98	1
0.50999	0
0.89999	1
1.67	1
0.41999	1
0.37999	1
1.6	1
7.1	1
1.12	1
0.56999	0
2.84	1
4.08	1
0.82999	1
0.58999	0
4.54	1
0.83999	0
1.09	1
0.62999	0
9.57	1
0.5	0
1.05	1
0.54	1
2.42	1
0.5	0
1.01	1
0.64999	1
0.54	0
0.55	0
0.55	0
1.6	1
2.6	1
0.25999	0
0.27	0
0.25	0
7.8	1
0.27	1
0.98	1
0.68	1

18	1
3.1	1
0.63999	1
0.86	1
0.10999	0
82	1

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3			From File	C:\Documents and Settings\swebersnapp\Desktop\OU3_Chris\ProUCL\Industrial\ProUCL_Input_withTEG\Quad1								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8												
9	Aroclor-1260											
10						General Statistics						
11						Number of Valid Data	44			Number of Detected Data	13	
12						Number of Distinct Detected Data	8			Number of Non-Detect Data	31	
13										Percent Non-Detects	70.45%	
14												
15						Raw Statistics				Log-transformed Statistics		
16						Minimum Detected	0.027			Minimum Detected	-3.612	
17						Maximum Detected	1.21			Maximum Detected	0.191	
18						Mean of Detected	0.746			Mean of Detected	-0.854	
19						SD of Detected	0.519			SD of Detected	1.418	
20						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
21						Maximum Non-Detect	2.28			Maximum Non-Detect	0.824	
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	44	
24	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
25	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
26												
27						UCL Statistics						
28						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
29						Shapiro Wilk Test Statistic	0.771			Shapiro Wilk Test Statistic	0.759	
30						5% Shapiro Wilk Critical Value	0.866			5% Shapiro Wilk Critical Value	0.866	
31						Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level		
32												
33						Assuming Normal Distribution				Assuming Lognormal Distribution		
34						DL/2 Substitution Method				DL/2 Substitution Method		
35						Mean	0.381			Mean	-3.076	
36						SD	0.511			SD	2.651	
37						95% DL/2 (t) UCL	0.511			95% H-Stat (DL/2) UCL	10.6	
38												
39						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
40						MLE method failed to converge properly				Mean in Log Scale	-3.233	
41										SD in Log Scale	1.867	
42										Mean in Original Scale	0.234	
43										SD in Original Scale	0.433	
44										95% Percentile Bootstrap UCL	0.341	
45										95% BCA Bootstrap UCL	0.37	
46												
47						Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only		
48						k star (bias corrected)	0.84			Data do not follow a Discernable Distribution (0.05)		
49						Theta Star	0.889					
50						nu star	21.83					
51												
52						A-D Test Statistic	1.348			Nonparametric Statistics		
53						5% A-D Critical Value	0.757			Kaplan-Meier (KM) Method		

54					K-S Test Statistic	0.757					Mean	0.274
55					5% K-S Critical Value	0.243					SD	0.449
56					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.0758
57											95% KM (t) UCL	0.401
58					**Assuming Gamma Distribution**						95% KM (z) UCL	0.398
59					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.393
60					Minimum	0.027					95% KM (bootstrap t) UCL	0.417
61					Maximum	1.263					95% KM (BCA) UCL	0.454
62					Mean	0.816					95% KM (Percentile Bootstrap) UCL	0.437
63					Median	0.846					95% KM (Chebyshev) UCL	0.604
64					SD	0.343					97.5% KM (Chebyshev) UCL	0.747
65					k star	2.492					99% KM (Chebyshev) UCL	1.028
66					Theta star	0.327						
67					Nu star	219.3					**Potential UCLs to Use**	
68					AppChi2	186					95% KM (BCA) UCL	0.454
69					95% Gamma Approximate UCL	0.962						
70					95% Adjusted Gamma UCL	0.967						
71	**Note: DL/2 is not a recommended method.**											
72												
73												
74	**Aroclor-1268**											
75						**General Statistics**						
76					Number of Valid Data	33					Number of Detected Data	23
77					Number of Distinct Detected Data	18					Number of Non-Detect Data	10
78											Percent Non-Detects	30.30%
79												
80					**Raw Statistics**						**Log-transformed Statistics**	
81					Minimum Detected	0.0023					Minimum Detected	-6.075
82					Maximum Detected	1.21					Maximum Detected	0.191
83					Mean of Detected	0.395					Mean of Detected	-2.219
84					SD of Detected	0.509					SD of Detected	1.955
85					Minimum Non-Detect	0.0021					Minimum Non-Detect	-6.166
86					Maximum Non-Detect	2.28					Maximum Non-Detect	0.824
87												
88	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	33
89	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
90	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
91												
92						**UCL Statistics**						
93					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
94					Shapiro Wilk Test Statistic	0.685					Shapiro Wilk Test Statistic	0.927
95					5% Shapiro Wilk Critical Value	0.914					5% Shapiro Wilk Critical Value	0.914
96					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
97												
98					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
99					DL/2 Substitution Method						DL/2 Substitution Method	
100					Mean	0.474					Mean	-2.216
101					SD	0.53					SD	2.299
102					95% DL/2 (t) UCL	0.63					95% H-Stat (DL/2) UCL	9.409
103												
104					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
105					**MLE method failed to converge properly**						Mean in Log Scale	-2.777
106											SD in Log Scale	2.06

107											Mean in Original Scale	0.287
108											SD in Original Scale	0.454
109											95% Percentile Bootstrap UCL	0.426
110											95% BCA Bootstrap UCL	0.44
111												
112	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
113					k star (bias corrected)	0.458	Data Follow Appr. Gamma Distribution at 5% Significance Level					
114					Theta Star	0.863						
115					nu star	21.06						
116												
117					A-D Test Statistic	0.916	Nonparametric Statistics					
118					5% A-D Critical Value	0.807					Kaplan-Meier (KM) Method	
119					K-S Test Statistic	0.807					Mean	0.337
120					5% K-S Critical Value	0.192					SD	0.48
121	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	0.0945
122											95% KM (t) UCL	0.497
123	Assuming Gamma Distribution										95% KM (z) UCL	0.493
124					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.497
125					Minimum	1E-09					95% KM (bootstrap t) UCL	0.538
126					Maximum	1.21					95% KM (BCA) UCL	0.484
127					Mean	0.347					95% KM (Percentile Bootstrap) UCL	0.493
128					Median	0.16					95% KM (Chebyshev) UCL	0.749
129					SD	0.442					97.5% KM (Chebyshev) UCL	0.928
130					k star	0.227					99% KM (Chebyshev) UCL	1.278
131					Theta star	1.527						
132					Nu star	14.98	Potential UCLs to Use					
133					AppChi2	7.251					95% KM (BCA) UCL	0.484
134					95% Gamma Approximate UCL	0.716						
135					95% Adjusted Gamma UCL	0.745						
136	Note: DL/2 is not a recommended method.											
137												
138												
139	Arsenic											
140							General Statistics					
141					Number of Valid Data	25					Number of Detected Data	17
142					Number of Distinct Detected Data	17					Number of Non-Detect Data	8
143											Percent Non-Detects	32.00%
144												
145	Raw Statistics						Log-transformed Statistics					
146					Minimum Detected	0.27					Minimum Detected	-1.309
147					Maximum Detected	3.5					Maximum Detected	1.253
148					Mean of Detected	1.208					Mean of Detected	-0.245
149					SD of Detected	1.122					SD of Detected	0.964
150					Minimum Non-Detect	1.5					Minimum Non-Detect	0.405
151					Maximum Non-Detect	4					Maximum Non-Detect	1.386
152												
153	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	25
154	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
155	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
156												
157	UCL Statistics											
158	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
159					Shapiro Wilk Test Statistic	0.796					Shapiro Wilk Test Statistic	0.848

160				5% Shapiro Wilk Critical Value	0.892					5% Shapiro Wilk Critical Value	0.892
161	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
162												
163	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
164				DL/2 Substitution Method						DL/2 Substitution Method	
165				Mean	1.232					Mean	-0.113
166				SD	0.962					SD	0.844
167				95% DL/2 (t) UCL	1.561					95% H-Stat (DL/2) UCL	3.465
168											
169				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
170	**MLE method failed to converge properly**									Mean in Log Scale	-0.345
171										SD in Log Scale	0.834
172										Mean in Original Scale	1.02
173										SD in Original Scale	0.969
174										95% Percentile Bootstrap UCL	1.329
175										95% BCA Bootstrap UCL	1.403
176											
177	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
178				k star (bias corrected)	1.105		**Data do not follow a Discernable Distribution (0.05)**					
179				Theta Star	1.093							
180				nu star	37.57							
181												
182				A-D Test Statistic	1.228					**Nonparametric Statistics**		
183				5% A-D Critical Value	0.76					Kaplan-Meier (KM) Method	
184				K-S Test Statistic	0.76					Mean	1.059
185				5% K-S Critical Value	0.214					SD	1.018
186	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.229
187										95% KM (t) UCL	1.452
188	**Assuming Gamma Distribution**									95% KM (z) UCL	1.436
189				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.451
190				Minimum	0.27					95% KM (bootstrap t) UCL	1.517
191				Maximum	3.5					95% KM (BCA) UCL	1.402
192				Mean	1.228					95% KM (Percentile Bootstrap) UCL	1.44
193				Median	1.004					95% KM (Chebyshev) UCL	2.058
194				SD	0.954					97.5% KM (Chebyshev) UCL	2.491
195				k star	1.537					99% KM (Chebyshev) UCL	3.34
196				Theta star	0.799						
197				Nu star	76.86					**Potential UCLs to Use**	
198				AppChi2	57.67					95% KM (BCA) UCL	1.402
199				95% Gamma Approximate UCL	1.637						
200				95% Adjusted Gamma UCL	1.67						
201	**Note: DL/2 is not a recommended method.**											
202												
203												
204	**Benzo(a)anthracene**											
205							**General Statistics**					
206				Number of Valid Data	40					Number of Detected Data	18
207				Number of Distinct Detected Data	18					Number of Non-Detect Data	22
208										Percent Non-Detects	55.00%
209											
210	**Raw Statistics**						**Log-transformed Statistics**					
211				Minimum Detected	0.0017					Minimum Detected	-6.377
212				Maximum Detected	1.3					Maximum Detected	0.262

	A	B	C	D	E	F	G	H	I	J	K	L
213					Mean of Detected	0.208					Mean of Detected	-3.531
214					SD of Detected	0.406					SD of Detected	2.148
215					Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377
216					Maximum Non-Detect	13					Maximum Non-Detect	2.565
217												
218	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	40
219	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
220	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
221												
222	**UCL Statistics**											
223	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
224					Shapiro Wilk Test Statistic	0.558					Shapiro Wilk Test Statistic	0.93
225					5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
226	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
227												
228	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
229					DL/2 Substitution Method						DL/2 Substitution Method	
230					Mean	0.86					Mean	-2.32
231					SD	1.689					SD	2.502
232					95% DL/2 (t) UCL	1.31					95% H-Stat (DL/2) UCL	36.55
233												
234					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
235	**MLE method failed to converge properly**										Mean in Log Scale	-4.172
236											SD in Log Scale	1.79
237											Mean in Original Scale	0.102
238											SD in Original Scale	0.285
239											95% Percentile Bootstrap UCL	0.18
240											95% BCA Bootstrap UCL	0.209
241												
242	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
243					k star (bias corrected)	0.324	**Data Follow Appr. Gamma Distribution at 5% Significance Level**					
244					Theta Star	0.642						
245					nu star	11.65						
246												
247					A-D Test Statistic	1.222	**Nonparametric Statistics**					
248					5% A-D Critical Value	0.833					Kaplan-Meier (KM) Method	
249					K-S Test Statistic	0.833					Mean	0.123
250					5% K-S Critical Value	0.22					SD	0.302
251	**Data follow Appr. Gamma Distribution at 5% Significance Level**										SE of Mean	0.0537
252											95% KM (t) UCL	0.213
253	**Assuming Gamma Distribution**										95% KM (z) UCL	0.211
254				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.212
255					Minimum	0.0017					95% KM (bootstrap t) UCL	0.28
256					Maximum	1.3					95% KM (BCA) UCL	0.21
257					Mean	0.179					95% KM (Percentile Bootstrap) UCL	0.218
258					Median	0.111					95% KM (Chebyshev) UCL	0.357
259					SD	0.279					97.5% KM (Chebyshev) UCL	0.458
260					k star	0.59					99% KM (Chebyshev) UCL	0.657
261					Theta star	0.303						
262					Nu star	47.2	**Potential UCLs to Use**					
263					AppChi2	32.44					95% KM (t) UCL	0.213
264				95% Gamma Approximate UCL		0.26						
265				95% Adjusted Gamma UCL		0.264						

	A	B	C	D	E	F	G	H	I	J	K	L
266	Note: DL/2 is not a recommended method.											
267												
268												
269	Benzo(a)pyrene											
270						General Statistics						
271					Number of Valid Data	40			Number of Detected Data		19	
272					Number of Distinct Detected Data	18			Number of Non-Detect Data		21	
273									Percent Non-Detects		52.50%	
274												
275				Raw Statistics					Log-transformed Statistics			
276					Minimum Detected	0.00209			Minimum Detected		-6.171	
277					Maximum Detected	1.3			Maximum Detected		0.262	
278					Mean of Detected	0.175			Mean of Detected		-3.316	
279					SD of Detected	0.338			SD of Detected		1.943	
280					Minimum Non-Detect	0.0017			Minimum Non-Detect		-6.377	
281					Maximum Non-Detect	13			Maximum Non-Detect		2.565	
282												
283	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect		40	
284	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected		0	
285	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage		100.00%	
286												
287						UCL Statistics						
288				Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only			
289					Shapiro Wilk Test Statistic	0.565			Shapiro Wilk Test Statistic		0.955	
290					5% Shapiro Wilk Critical Value	0.901			5% Shapiro Wilk Critical Value		0.901	
291				Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level			
292												
293				Assuming Normal Distribution					Assuming Lognormal Distribution			
294					DL/2 Substitution Method				DL/2 Substitution Method			
295					Mean	0.949			Mean		-2.168	
296					SD	1.763			SD		2.479	
297					95% DL/2 (t) UCL	1.418			95% H-Stat (DL/2) UCL		41.67	
298												
299					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
300				MLE method failed to converge properly					Mean in Log Scale		-3.909	
301									SD in Log Scale		1.708	
302									Mean in Original Scale		0.093	
303									SD in Original Scale		0.243	
304									95% Percentile Bootstrap UCL		0.162	
305									95% BCA Bootstrap UCL		0.185	
306												
307				Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only			
308					k star (bias corrected)	0.386			Data appear Gamma Distributed at 5% Significance Level			
309					Theta Star	0.453						
310					nu star	14.66						
311												
312					A-D Test Statistic	0.813			Nonparametric Statistics			
313					5% A-D Critical Value	0.82			Kaplan-Meier (KM) Method			
314					K-S Test Statistic	0.82			Mean		0.116	
315					5% K-S Critical Value	0.212			SD		0.261	
316				Data appear Gamma Distributed at 5% Significance Level					SE of Mean		0.0472	
317									95% KM (t) UCL		0.195	
318				Assuming Gamma Distribution					95% KM (z) UCL		0.194	

319	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		0.195
320					Minimum	0.00209				95% KM (bootstrap t) UCL		0.334
321					Maximum	1.3				95% KM (BCA) UCL		0.192
322					Mean	0.161				95% KM (Percentile Bootstrap) UCL		0.198
323					Median	0.111				95% KM (Chebyshev) UCL		0.322
324					SD	0.234				97.5% KM (Chebyshev) UCL		0.411
325					k star	0.72				99% KM (Chebyshev) UCL		0.586
326					Theta star	0.224						
327					Nu star	57.57				**Potential UCLs to Use**		
328					AppChi2	41.12				95% KM (t) UCL		0.195
329					95% Gamma Approximate UCL	0.225						
330					95% Adjusted Gamma UCL	0.228						
331	**Note: DL/2 is not a recommended method.**											
332												
333												
334	**Benzo(b)fluoranthene**											
335						**General Statistics**						
336					Number of Valid Data	20				Number of Detected Data		14
337					Number of Distinct Detected Data	14				Number of Non-Detect Data		6
338										Percent Non-Detects		30.00%
339												
340				**Raw Statistics**						**Log-transformed Statistics**		
341					Minimum Detected	0.0035				Minimum Detected		-5.655
342					Maximum Detected	0.39				Maximum Detected		-0.942
343					Mean of Detected	0.0666				Mean of Detected		-3.786
344					SD of Detected	0.111				SD of Detected		1.513
345					Minimum Non-Detect	0.0012				Minimum Non-Detect		-6.725
346					Maximum Non-Detect	0.35				Maximum Non-Detect		-1.05
347												
348	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		19
349	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
350	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		95.00%
351												
352						**UCL Statistics**						
353				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
354					Shapiro Wilk Test Statistic	0.626				Shapiro Wilk Test Statistic		0.936
355					5% Shapiro Wilk Critical Value	0.874				5% Shapiro Wilk Critical Value		0.874
356				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
357												
358				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
359					DL/2 Substitution Method					DL/2 Substitution Method		
360					Mean	0.0799				Mean		-3.751
361					SD	0.104				SD		1.946
362					95% DL/2 (t) UCL	0.12				95% H-Stat (DL/2) UCL		1.413
363												
364					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
365				**MLE method failed to converge properly**						Mean in Log Scale		-4.242
366										SD in Log Scale		1.641
367										Mean in Original Scale		0.0496
368										SD in Original Scale		0.0958
369										95% Percentile Bootstrap UCL		0.0864
370										95% BCA Bootstrap UCL		0.103
371												

372	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
373				k star (bias corrected)		0.501	Data Follow Appr. Gamma Distribution at 5% Significance Level					
374				Theta Star		0.133						
375				nu star		14.03						
376												
377				A-D Test Statistic		0.753	Nonparametric Statistics					
378				5% A-D Critical Value		0.786				Kaplan-Meier (KM) Method		
379				K-S Test Statistic		0.786				Mean		0.0543
380				5% K-S Critical Value		0.24				SD		0.0955
381	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean		0.0232
382										95% KM (t) UCL		0.0943
383	Assuming Gamma Distribution									95% KM (z) UCL		0.0924
384				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.0941
385				Minimum		1E-09				95% KM (bootstrap t) UCL		0.174
386				Maximum		0.39				95% KM (BCA) UCL		0.096
387				Mean		0.0583				95% KM (Percentile Bootstrap) UCL		0.0968
388				Median		0.015				95% KM (Chebyshev) UCL		0.155
389				SD		0.0962				97.5% KM (Chebyshev) UCL		0.199
390				k star		0.263				99% KM (Chebyshev) UCL		0.285
391				Theta star		0.222						
392				Nu star		10.51	Potential UCLs to Use					
393				AppChi2		4.265				95% KM (BCA) UCL		0.096
394				95% Gamma Approximate UCL		0.144						
395				95% Adjusted Gamma UCL		0.155						
396	Note: DL/2 is not a recommended method.											
397												
398												
399	Benzo(b/k)fluoranthene											
400	General Statistics											
401				Number of Valid Data		20				Number of Detected Data		6
402				Number of Distinct Detected Data		6				Number of Non-Detect Data		14
403										Percent Non-Detects		70.00%
404												
405	Raw Statistics						Log-transformed Statistics					
406				Minimum Detected		0.068				Minimum Detected		-2.688
407				Maximum Detected		1.6				Maximum Detected		0.47
408				Mean of Detected		0.571				Mean of Detected		-1.066
409				SD of Detected		0.599				SD of Detected		1.15
410				Minimum Non-Detect		0.35				Minimum Non-Detect		-1.05
411				Maximum Non-Detect		13				Maximum Non-Detect		2.565
412												
413	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		20
414	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
415	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
416												
417	Warning: There are only 6 Detected Values in this data											
418	Note: It should be noted that even though bootstrap may be performed on this data set											
419	the resulting calculations may not be reliable enough to draw conclusions											
420												
421	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
422												
423												
424	UCL Statistics											

	A	B	C	D	E	F	G	H	I	J	K	L
425	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
426	Shapiro Wilk Test Statistic					0.827	Shapiro Wilk Test Statistic					0.969
427	5% Shapiro Wilk Critical Value					0.788	5% Shapiro Wilk Critical Value					0.788
428	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
429												
430	Assuming Normal Distribution						Assuming Lognormal Distribution					
431	DL/2 Substitution Method						DL/2 Substitution Method					
432	Mean					1.858	Mean					-0.383
433	SD					2.175	SD					1.575
434	95% DL/2 (t) UCL					2.699	95% H-Stat (DL/2) UCL					17.26
435												
436	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
437	MLE method failed to converge properly						Mean in Log Scale					-1.419
438							SD in Log Scale					0.711
439							Mean in Original Scale					0.327
440							SD in Original Scale					0.355
441							95% Percentile Bootstrap UCL					0.474
442							95% BCA Bootstrap UCL					0.535
443												
444	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
445	k star (bias corrected)					0.673	Data appear Normal at 5% Significance Level					
446	Theta Star					0.849						
447	nu star					8.078						
448												
449	A-D Test Statistic					0.3	Nonparametric Statistics					
450	5% A-D Critical Value					0.713	Kaplan-Meier (KM) Method					
451	K-S Test Statistic					0.713	Mean					0.377
452	5% K-S Critical Value					0.34	SD					0.419
453	Data appear Gamma Distributed at 5% Significance Level						SE of Mean					0.132
454							95% KM (t) UCL					0.605
455	Assuming Gamma Distribution						95% KM (z) UCL					0.594
456	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.603
457	Minimum					0.068	95% KM (bootstrap t) UCL					0.897
458	Maximum					1.6	95% KM (BCA) UCL					0.624
459	Mean					0.562	95% KM (Percentile Bootstrap) UCL					0.623
460	Median					0.551	95% KM (Chebyshev) UCL					0.953
461	SD					0.308	97.5% KM (Chebyshev) UCL					1.203
462	k star					2.949	99% KM (Chebyshev) UCL					1.693
463	Theta star					0.191						
464	Nu star					118	Potential UCLs to Use					
465	AppChi2					93.88	95% KM (t) UCL					0.605
466	95% Gamma Approximate UCL					0.706	95% KM (Percentile Bootstrap) UCL					0.623
467	95% Adjusted Gamma UCL					0.719						
468	Note: DL/2 is not a recommended method.											
469												
470												
471	bis(2-Ethylhexyl) phthalate											
472	General Statistics											
473	Number of Valid Data					31	Number of Detected Data					7
474	Number of Distinct Detected Data					7	Number of Non-Detect Data					24
475							Percent Non-Detects					77.42%
476												
477	Raw Statistics						Log-transformed Statistics					

	A	B	C	D	E	F	G	H	I	J	K	L
478					Minimum Detected	0.013					Minimum Detected	-4.343
479					Maximum Detected	46					Maximum Detected	3.829
480					Mean of Detected	6.973					Mean of Detected	-1.257
481					SD of Detected	17.22					SD of Detected	2.924
482					Minimum Non-Detect	0.007					Minimum Non-Detect	-4.962
483					Maximum Non-Detect	13					Maximum Non-Detect	2.565
484												
485	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	30
486	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
487	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	96.77%
488												
489	**Warning: There are only 7 Detected Values in this data**											
490	**Note: It should be noted that even though bootstrap may be performed on this data set**											
491	**the resulting calculations may not be reliable enough to draw conclusions**											
492												
493	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
494												
495												
496	**UCL Statistics**											
497	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
498					Shapiro Wilk Test Statistic	0.482					Shapiro Wilk Test Statistic	0.922
499					5% Shapiro Wilk Critical Value	0.803					5% Shapiro Wilk Critical Value	0.803
500	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
501												
502	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
503					DL/2 Substitution Method						DL/2 Substitution Method	
504					Mean	2.932					Mean	-1.437
505					SD	8.246					SD	2.806
506					95% DL/2 (t) UCL	5.446					95% H-Stat (DL/2) UCL	264.8
507												
508					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
509	**MLE method failed to converge properly**										Mean in Log Scale	-5.919
510											SD in Log Scale	3.439
511											Mean in Original Scale	1.577
512											SD in Original Scale	8.252
513											95% Percentile Bootstrap UCL	4.505
514											95% BCA Bootstrap UCL	7.442
515												
516	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
517					k star (bias corrected)	0.224	**Data appear Gamma Distributed at 5% Significance Level**					
518					Theta Star	31.1						
519					nu star	3.139						
520												
521					A-D Test Statistic	0.732	**Nonparametric Statistics**					
522					5% A-D Critical Value	0.812					Kaplan-Meier (KM) Method	
523					K-S Test Statistic	0.812					Mean	1.626
524					5% K-S Critical Value	0.34					SD	8.111
525	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	1.574
526											95% KM (t) UCL	4.298
527	**Assuming Gamma Distribution**										95% KM (z) UCL	4.215
528					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	4.138
529					Minimum	1E-09					95% KM (bootstrap t) UCL	75.62
530					Maximum	58.34					95% KM (BCA) UCL	4.606

531				Mean	12.39				95% KM (Percentile Bootstrap) UCL			4.586
532				Median	1.8				95% KM (Chebyshev) UCL			8.488
533				SD	18.61				97.5% KM (Chebyshev) UCL			11.46
534				k star	0.111				99% KM (Chebyshev) UCL			17.29
535				Theta star	111.6							
536				Nu star	6.882				**Potential UCLs to Use**			
537				AppChi2	2.106				95% KM (t) UCL			4.298
538				95% Gamma Approximate UCL	40.5							
539				95% Adjusted Gamma UCL	43.46							
540	**Note: DL/2 is not a recommended method.**											
541												
542												
543	**Chromium**											
544					**General Statistics**							
545				Number of Valid Observations	25				Number of Distinct Observations			24
546												
547				**Raw Statistics**					**Log-transformed Statistics**			
548				Minimum	1.74				Minimum of Log Data			0.554
549				Maximum	17				Maximum of Log Data			2.833
550				Mean	4.595				Mean of log Data			1.33
551				Median	3.3				SD of log Data			0.592
552				SD	3.553							
553				Coefficient of Variation	0.773							
554				Skewness	2.342							
555												
556					**Relevant UCL Statistics**							
557				**Normal Distribution Test**					**Lognormal Distribution Test**			
558				Shapiro Wilk Test Statistic	0.725				Shapiro Wilk Test Statistic			0.929
559				Shapiro Wilk Critical Value	0.918				Shapiro Wilk Critical Value			0.918
560				**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**			
561												
562				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
563				95% Student's-t UCL	5.81				95% H-UCL			5.766
564				**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL			6.905
565				95% Adjusted-CLT UCL	6.119				97.5% Chebyshev (MVUE) UCL			7.96
566				95% Modified-t UCL	5.866				99% Chebyshev (MVUE) UCL			10.03
567												
568				**Gamma Distribution Test**					**Data Distribution**			
569				k star (bias corrected)	2.418				**Data Follow Appr. Gamma Distribution at 5% Significance Level**			
570				Theta Star	1.9							
571				MLE of Mean	4.595							
572				MLE of Standard Deviation	2.955							
573				nu star	120.9							
574				Approximate Chi Square Value (.05)	96.5				**Nonparametric Statistics**			
575				Adjusted Level of Significance	0.0395				95% CLT UCL			5.764
576				Adjusted Chi Square Value	95.02				95% Jackknife UCL			5.81
577									95% Standard Bootstrap UCL			5.771
578				Anderson-Darling Test Statistic	0.951				95% Bootstrap-t UCL			6.582
579				Anderson-Darling 5% Critical Value	0.753				95% Hall's Bootstrap UCL			11.03
580				Kolmogorov-Smirnov Test Statistic	0.154				95% Percentile Bootstrap UCL			5.823
581				Kolmogorov-Smirnov 5% Critical Value	0.176				95% BCA Bootstrap UCL			6.19
582				**Data follow Appr. Gamma Distribution at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL			7.692
583									97.5% Chebyshev(Mean, Sd) UCL			9.032

584	Assuming Gamma Distribution								99% Chebyshev(Mean, Sd) UCL			11.66
585				95% Approximate Gamma UCL	5.756							
586				95% Adjusted Gamma UCL	5.846							
587												
588	Potential UCL to Use								Use 95% Approximate Gamma UCL			5.756
589												
590												
591	Dibenzo(a,h)anthracene											
592	General Statistics											
593				Number of Valid Data	40				Number of Detected Data			10
594				Number of Distinct Detected Data	10				Number of Non-Detect Data			30
595									Percent Non-Detects			75.00%
596												
597	Raw Statistics								Log-transformed Statistics			
598				Minimum Detected	0.00066				Minimum Detected			-7.323
599				Maximum Detected	0.025				Maximum Detected			-3.689
600				Mean of Detected	0.0107				Mean of Detected			-5.007
601				SD of Detected	0.00865				SD of Detected			1.192
602				Minimum Non-Detect	0.0015				Minimum Non-Detect			-6.502
603				Maximum Non-Detect	13				Maximum Non-Detect			2.565
604												
605	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			40
606	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			0
607	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			100.00%
608												
609	UCL Statistics											
610	Normal Distribution Test with Detected Values Only								Lognormal Distribution Test with Detected Values Only			
611				Shapiro Wilk Test Statistic	0.896				Shapiro Wilk Test Statistic			0.904
612				5% Shapiro Wilk Critical Value	0.842				5% Shapiro Wilk Critical Value			0.842
613	Data appear Normal at 5% Significance Level								Data appear Lognormal at 5% Significance Level			
614												
615	Assuming Normal Distribution								Assuming Lognormal Distribution			
616				DL/2 Substitution Method					DL/2 Substitution Method			
617				Mean	1.084				Mean			-2.506
618				SD	1.895				SD			2.948
619				95% DL/2 (t) UCL	1.589				95% H-Stat (DL/2) UCL			159.3
620												
621				Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method			
622	MLE method failed to converge properly								Mean in Log Scale			-5.761
623									SD in Log Scale			1.086
624									Mean in Original Scale			0.00539
625									SD in Original Scale			0.00596
626									95% Percentile Bootstrap UCL			0.00704
627									95% BCA Bootstrap UCL			0.00725
628												
629	Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only			
630				k star (bias corrected)	0.905				Data appear Normal at 5% Significance Level			
631				Theta Star	0.0119							
632				nu star	18.09							
633												
634				A-D Test Statistic	0.411				Nonparametric Statistics			
635				5% A-D Critical Value	0.745				Kaplan-Meier (KM) Method			
636				K-S Test Statistic	0.745				Mean			0.00738

637				5% K-S Critical Value		0.273					SD	0.00821
638	Data appear Gamma Distributed at 5% Significance Level										SE of Mean	0.00223
639											95% KM (t) UCL	0.0111
640	Assuming Gamma Distribution										95% KM (z) UCL	0.0111
641	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.0109
642				Minimum		1E-09					95% KM (bootstrap t) UCL	0.0123
643				Maximum		0.0326					95% KM (BCA) UCL	0.0123
644				Mean		0.0143					95% KM (Percentile Bootstrap) UCL	0.0115
645				Median		0.0174					95% KM (Chebyshev) UCL	0.0171
646				SD		0.00865					97.5% KM (Chebyshev) UCL	0.0213
647				k star		0.858					99% KM (Chebyshev) UCL	0.0296
648				Theta star		0.0166						
649				Nu star		68.63					Potential UCLs to Use	
650				AppChi2		50.56					95% KM (t) UCL	0.0111
651				95% Gamma Approximate UCL		0.0194					95% KM (Percentile Bootstrap) UCL	0.0115
652				95% Adjusted Gamma UCL		0.0196						
653	Note: DL/2 is not a recommended method.											
654												
655												
656	Indeno(1,2,3-cd)pyrene											
657						General Statistics						
658				Number of Valid Data		40					Number of Detected Data	16
659				Number of Distinct Detected Data		14					Number of Non-Detect Data	24
660											Percent Non-Detects	60.00%
661												
662	Raw Statistics										Log-transformed Statistics	
663				Minimum Detected		0.0021					Minimum Detected	-6.166
664				Maximum Detected		0.12					Maximum Detected	-2.12
665				Mean of Detected		0.0392					Mean of Detected	-4.084
666				SD of Detected		0.0407					SD of Detected	1.533
667				Minimum Non-Detect		0.0015					Minimum Non-Detect	-6.502
668				Maximum Non-Detect		13					Maximum Non-Detect	2.565
669												
670	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	40
671	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
672	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
673												
674						UCL Statistics						
675	Normal Distribution Test with Detected Values Only										Lognormal Distribution Test with Detected Values Only	
676				Shapiro Wilk Test Statistic		0.836					Shapiro Wilk Test Statistic	0.874
677				5% Shapiro Wilk Critical Value		0.887					5% Shapiro Wilk Critical Value	0.887
678	Data not Normal at 5% Significance Level										Data not Lognormal at 5% Significance Level	
679												
680	Assuming Normal Distribution										Assuming Lognormal Distribution	
681				DL/2 Substitution Method							DL/2 Substitution Method	
682				Mean		1.088					Mean	-2.205
683				SD		1.894					SD	2.625
684				95% DL/2 (t) UCL		1.592					95% H-Stat (DL/2) UCL	89.4
685												
686				Maximum Likelihood Estimate(MLE) Method		N/A					Log ROS Method	
687	MLE method failed to converge properly										Mean in Log Scale	-4.462
688											SD in Log Scale	1.327
689											Mean in Original Scale	0.0239

690											SD in Original Scale	0.0296
691											95% Percentile Bootstrap UCL	0.0318
692											95% BCA Bootstrap UCL	0.0332
693												
694	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
695					k star (bias corrected)	0.622	Data Follow Appr. Gamma Distribution at 5% Significance Level					
696					Theta Star	0.0631						
697					nu star	19.89						
698												
699					A-D Test Statistic	0.8	Nonparametric Statistics					
700					5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method	
701					K-S Test Statistic	0.778					Mean	0.0351
702					5% K-S Critical Value	0.224					SD	0.0389
703	Data follow Appr. Gamma Distribution at 5% Significance Level										SE of Mean	0.00947
704											95% KM (t) UCL	0.051
705	Assuming Gamma Distribution										95% KM (z) UCL	0.0506
706					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0512
707					Minimum	1E-09					95% KM (bootstrap t) UCL	0.0551
708					Maximum	0.12					95% KM (BCA) UCL	0.05
709					Mean	0.0393					95% KM (Percentile Bootstrap) UCL	0.0507
710					Median	0.041					95% KM (Chebyshev) UCL	0.0763
711					SD	0.0321					97.5% KM (Chebyshev) UCL	0.0942
712					k star	0.476					99% KM (Chebyshev) UCL	0.129
713					Theta star	0.0827						
714					Nu star	38.06	Potential UCLs to Use					
715					AppChi2	24.93					95% KM (t) UCL	0.051
716					95% Gamma Approximate UCL	0.06						
717					95% Adjusted Gamma UCL	0.061						
718	Note: DL/2 is not a recommended method.											
719												
720												
721	Iron											
722	General Statistics											
723					Number of Valid Observations	25					Number of Distinct Observations	23
724												
725	Raw Statistics						Log-transformed Statistics					
726					Minimum	797					Minimum of Log Data	6.681
727					Maximum	26000					Maximum of Log Data	10.17
728					Mean	3999					Mean of log Data	7.887
729					Median	2000					SD of log Data	0.786
730					SD	5343						
731					Coefficient of Variation	1.336						
732					Skewness	3.356						
733												
734	Relevant UCL Statistics											
735	Normal Distribution Test						Lognormal Distribution Test					
736					Shapiro Wilk Test Statistic	0.535					Shapiro Wilk Test Statistic	0.862
737					Shapiro Wilk Critical Value	0.918					Shapiro Wilk Critical Value	0.918
738	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
739												
740	Assuming Normal Distribution						Assuming Lognormal Distribution					
741					95% Student's-t UCL	5827					95% H-UCL	5196
742	95% UCLs (Adjusted for Skewness)										95% Chebyshev (MVUE) UCL	6245

743				95% Adjusted-CLT UCL	6523				97.5% Chebyshev (MVUE) UCL	7402		
744				95% Modified-t UCL	5947				99% Chebyshev (MVUE) UCL	9674		
745												
746			**Gamma Distribution Test**					**Data Distribution**				
747				k star (bias corrected)	1.235			**Data do not follow a Discernable Distribution (0.05)**				
748				Theta Star	3237							
749				MLE of Mean	3999							
750				MLE of Standard Deviation	3598							
751				nu star	61.76							
752				Approximate Chi Square Value (.05)	44.68			**Nonparametric Statistics**				
753				Adjusted Level of Significance	0.0395				95% CLT UCL	5756		
754				Adjusted Chi Square Value	43.69				95% Jackknife UCL	5827		
755									95% Standard Bootstrap UCL	5718		
756				Anderson-Darling Test Statistic	2.382				95% Bootstrap-t UCL	8343		
757				Anderson-Darling 5% Critical Value	0.764				95% Hall's Bootstrap UCL	10888		
758				Kolmogorov-Smirnov Test Statistic	0.249				95% Percentile Bootstrap UCL	5937		
759				Kolmogorov-Smirnov 5% Critical Value	0.178				95% BCA Bootstrap UCL	6531		
760			**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	8657		
761									97.5% Chebyshev(Mean, Sd) UCL	10672		
762			**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	14632		
763				95% Approximate Gamma UCL	5527							
764				95% Adjusted Gamma UCL	5652							
765												
766			**Potential UCL to Use**						Use 95% Chebyshev (Mean, Sd) UCL	8657		
767												
768												
769	**Lead**											
770					**General Statistics**							
771				Number of Valid Data	47				Number of Detected Data	39		
772				Number of Distinct Detected Data	39				Number of Non-Detect Data	8		
773									Percent Non-Detects	17.02%		
774												
775			**Raw Statistics**					**Log-transformed Statistics**				
776				Minimum Detected	3.85				Minimum Detected	1.348		
777				Maximum Detected	230				Maximum Detected	5.438		
778				Mean of Detected	49.04				Mean of Detected	3.468		
779				SD of Detected	48.01				SD of Detected	0.985		
780				Minimum Non-Detect	20				Minimum Non-Detect	2.996		
781				Maximum Non-Detect	60				Maximum Non-Detect	4.094		
782												
783	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	36		
784	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	11		
785	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	76.60%		
786												
787					**UCL Statistics**							
788			**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**				
789				Shapiro Wilk Test Statistic	0.79				Shapiro Wilk Test Statistic	0.979		
790				5% Shapiro Wilk Critical Value	0.939				5% Shapiro Wilk Critical Value	0.939		
791			**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**				
792												
793			**Assuming Normal Distribution**					**Assuming Lognormal Distribution**				
794				DL/2 Substitution Method					DL/2 Substitution Method			
795				Mean	43.99				Mean	3.372		

796					SD	45.14					SD	0.931
797					95% DL/2 (t) UCL	55.05					95% H-Stat (DL/2) UCL	58.34
798												
799					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
800					**MLE yields a negative mean**						Mean in Log Scale	3.342
801											SD in Log Scale	0.95
802											Mean in Original Scale	43.48
803											SD in Original Scale	45.43
804											95% Percentile Bootstrap UCL	54.93
805											95% BCA Bootstrap UCL	57.5
806												
807					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
808					k star (bias corrected)	1.234					**Data appear Gamma Distributed at 5% Significance Level**	
809					Theta Star	39.74						
810					nu star	96.25						
811												
812					A-D Test Statistic	0.229					**Nonparametric Statistics**	
813					5% A-D Critical Value	0.77					Kaplan-Meier (KM) Method	
814					K-S Test Statistic	0.77					Mean	43.76
815					5% K-S Critical Value	0.145					SD	44.96
816					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	6.68
817											95% KM (t) UCL	54.98
818					**Assuming Gamma Distribution**						95% KM (z) UCL	54.75
819					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	54.96
820					Minimum	3.85					95% KM (bootstrap t) UCL	59.2
821					Maximum	230					95% KM (BCA) UCL	54.74
822					Mean	46.15					95% KM (Percentile Bootstrap) UCL	55.57
823					Median	34.07					95% KM (Chebyshev) UCL	72.88
824					SD	44.74					97.5% KM (Chebyshev) UCL	85.48
825					k star	1.307					99% KM (Chebyshev) UCL	110.2
826					Theta star	35.32						
827					Nu star	122.8					**Potential UCLs to Use**	
828					AppChi2	98.23					95% KM (BCA) UCL	54.74
829					95% Gamma Approximate UCL	57.7						
830					95% Adjusted Gamma UCL	58.11						
831	**Note: DL/2 is not a recommended method.**											
832												
833												
834	**Mercury**											
835						**General Statistics**						
836					Number of Valid Data	53					Number of Detected Data	43
837					Number of Distinct Detected Data	40					Number of Non-Detect Data	10
838											Percent Non-Detects	18.87%
839												
840					**Raw Statistics**						**Log-transformed Statistics**	
841					Minimum Detected	0.0068					Minimum Detected	-4.991
842					Maximum Detected	38					Maximum Detected	3.638
843					Mean of Detected	3.099					Mean of Detected	-0.941
844					SD of Detected	8.042					SD of Detected	2.062
845					Minimum Non-Detect	0.11					Minimum Non-Detect	-2.207
846					Maximum Non-Detect	0.57					Maximum Non-Detect	-0.562
847												
848	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	36

849	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		17
850	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		67.92%
851												
852						UCL Statistics						
853				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
854					Shapiro Wilk Test Statistic	0.43				Shapiro Wilk Test Statistic		0.971
855					5% Shapiro Wilk Critical Value	0.943				5% Shapiro Wilk Critical Value		0.943
856				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
857												
858				Assuming Normal Distribution						Assuming Lognormal Distribution		
859					DL/2 Substitution Method					DL/2 Substitution Method		
860					Mean	2.549				Mean		-1.133
861					SD	7.319				SD		1.926
862					95% DL/2 (t) UCL	4.232				95% H-Stat (DL/2) UCL		5.57
863												
864					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
865				MLE yields a negative mean						Mean in Log Scale		-1.262
866										SD in Log Scale		2.006
867										Mean in Original Scale		2.533
868										SD in Original Scale		7.324
869										95% Percentile Bootstrap UCL		4.457
870										95% BCA Bootstrap UCL		4.7
871												
872				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
873					k star (bias corrected)	0.321				Data appear Lognormal at 5% Significance Level		
874					Theta Star	9.667						
875					nu star	27.57						
876												
877					A-D Test Statistic	2.865				Nonparametric Statistics		
878					5% A-D Critical Value	0.854				Kaplan-Meier (KM) Method		
879					K-S Test Statistic	0.854				Mean		2.534
880					5% K-S Critical Value	0.146				SD		7.254
881				Data not Gamma Distributed at 5% Significance Level						SE of Mean		1.008
882										95% KM (t) UCL		4.223
883				Assuming Gamma Distribution						95% KM (z) UCL		4.193
884					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		4.219
885					Minimum	1E-09				95% KM (bootstrap t) UCL		7.423
886					Maximum	38				95% KM (BCA) UCL		4.598
887					Mean	2.572				95% KM (Percentile Bootstrap) UCL		4.379
888					Median	0.195				95% KM (Chebyshev) UCL		6.929
889					SD	7.322				97.5% KM (Chebyshev) UCL		8.831
890					k star	0.152				99% KM (Chebyshev) UCL		12.57
891					Theta star	16.91						
892					Nu star	16.13				Potential UCLs to Use		
893					AppChi2	8.051				99% KM (Chebyshev) UCL		12.57
894					95% Gamma Approximate UCL	5.152						
895					95% Adjusted Gamma UCL	5.257						
896	Note: DL/2 is not a recommended method.											
897												
898												
899	Vanadium											
900						General Statistics						
901					Number of Valid Data	29				Number of Detected Data		23

	A	B	C	D	E	F	G	H	I	J	K	L
902					Number of Distinct Detected Data	22					Number of Non-Detect Data	6
903											Percent Non-Detects	20.69%
904												
905					**Raw Statistics**						**Log-transformed Statistics**	
906					Minimum Detected	1.66					Minimum Detected	0.507
907					Maximum Detected	43					Maximum Detected	3.761
908					Mean of Detected	8.6					Mean of Detected	1.793
909					SD of Detected	8.988					SD of Detected	0.84
910					Minimum Non-Detect	5					Minimum Non-Detect	1.609
911					Maximum Non-Detect	9					Maximum Non-Detect	2.197
912												
913	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	21
914	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	8
915	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	72.41%
916												
917					**UCL Statistics**							
918					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
919					Shapiro Wilk Test Statistic	0.691					Shapiro Wilk Test Statistic	0.969
920					5% Shapiro Wilk Critical Value	0.914					5% Shapiro Wilk Critical Value	0.914
921					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
922												
923					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
924					DL/2 Substitution Method						DL/2 Substitution Method	
925					Mean	7.614					Mean	1.696
926					SD	8.212					SD	0.775
927					95% DL/2 (t) UCL	10.21					95% H-Stat (DL/2) UCL	11.11
928												
929					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
930					**MLE yields a negative mean**						Mean in Log Scale	1.691
931											SD in Log Scale	0.781
932											Mean in Original Scale	7.605
933											SD in Original Scale	8.223
934											95% Percentile Bootstrap UCL	10.38
935											95% BCA Bootstrap UCL	11.23
936												
937					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
938					k star (bias corrected)	1.366					**Data appear Gamma Distributed at 5% Significance Level**	
939					Theta Star	6.298						
940					nu star	62.82						
941												
942					A-D Test Statistic	0.477					**Nonparametric Statistics**	
943					5% A-D Critical Value	0.76					Kaplan-Meier (KM) Method	
944					K-S Test Statistic	0.76					Mean	7.625
945					5% K-S Critical Value	0.185					SD	8.099
946					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	1.548
947											95% KM (t) UCL	10.26
948					**Assuming Gamma Distribution**						95% KM (z) UCL	10.17
949					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	10.25
950					Minimum	1.66					95% KM (bootstrap t) UCL	12.2
951					Maximum	43					95% KM (BCA) UCL	10.61
952					Mean	8.351					95% KM (Percentile Bootstrap) UCL	10.38
953					Median	5.84					95% KM (Chebyshev) UCL	14.37
954					SD	8.083					97.5% KM (Chebyshev) UCL	17.29

	A	B	C	D	E	F	G	H	I	J	K	L
955					k star	1.647				99% KM (Chebyshev) UCL		23.02
956					Theta star	5.07						
957					Nu star	95.54	**Potential UCLs to Use**					
958					AppChi2	73.99				95% KM (BCA) UCL		10.61
959				95% Gamma Approximate UCL		10.78						
960				95% Adjusted Gamma UCL		10.95						
961	**Note: DL/2 is not a recommended method.**											

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		From File		C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Industrial Files\ProUCL_Inpu								
4		Full Precision		OFF								
5		Confidence Coefficient		95%								
6		Number of Bootstrap Operations		2000								
7												
8												
9	Aroclor-1221											
10						General Statistics						
11						Number of Valid Data	84			Number of Detected Data	41	
12						Number of Distinct Detected Data	18			Number of Non-Detect Data	43	
13										Percent Non-Detects	51.19%	
14												
15				Raw Statistics						Log-transformed Statistics		
16						Minimum Detected	0.27			Minimum Detected	-1.309	
17						Maximum Detected	7.25			Maximum Detected	1.981	
18						Mean of Detected	5.738			Mean of Detected	1.692	
19						SD of Detected	1.011			SD of Detected	0.487	
20						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
21						Maximum Non-Detect	2.45			Maximum Non-Detect	0.896	
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	44	
24	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	40	
25	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	52.38%	
26												
27						UCL Statistics						
28				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
29						Shapiro Wilk Test Statistic	0.552			Shapiro Wilk Test Statistic	0.278	
30						5% Shapiro Wilk Critical Value	0.941			5% Shapiro Wilk Critical Value	0.941	
31				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
32												
33				Assuming Normal Distribution						Assuming Lognormal Distribution		
34						DL/2 Substitution Method				DL/2 Substitution Method		
35						Mean	2.906			Mean	-1.285	
36						SD	2.885			SD	3.415	
37						95% DL/2 (t) UCL	3.43			95% H-Stat (DL/2) UCL	667.4	
38												
39						Maximum Likelihood Estimate(MLE) Method				Log ROS Method		
40						Mean	2.755			Mean in Log Scale	1.448	
41						SD	3.308			SD in Log Scale	0.423	
42						95% MLE (t) UCL	3.355			Mean in Original Scale	4.539	
43						95% MLE (Tiku) UCL	3.512			SD in Original Scale	1.399	
44										95% Percentile Bootstrap UCL	4.787	
45										95% BCA Bootstrap UCL	4.786	
46												
47				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
48						k star (bias corrected)	8.614			Data do not follow a Discernable Distribution (0.05)		
49						Theta Star	0.666					
50						nu star	706.4					
51												
52						A-D Test Statistic	9.439			Nonparametric Statistics		
53						5% A-D Critical Value	0.749			Kaplan-Meier (KM) Method		

54					K-S Test Statistic	0.749					Mean	2.939
55					5% K-S Critical Value	0.138					SD	2.821
56					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.312
57											95% KM (t) UCL	3.457
58					**Assuming Gamma Distribution**						95% KM (z) UCL	3.452
59					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	4.731
60					Minimum	0.27					95% KM (bootstrap t) UCL	3.403
61					Maximum	7.25					95% KM (BCA) UCL	5.702
62					Mean	5.733					95% KM (Percentile Bootstrap) UCL	5.655
63					Median	5.795					95% KM (Chebyshev) UCL	4.297
64					SD	0.762					97.5% KM (Chebyshev) UCL	4.885
65					k star	17.26					99% KM (Chebyshev) UCL	6.04
66					Theta star	0.332						
67					Nu star	2900					**Potential UCLs to Use**	
68					AppChi2	2776					95% KM (t) UCL	3.457
69					95% Gamma Approximate UCL	5.989					95% KM (% Bootstrap) UCL	5.655
70					95% Adjusted Gamma UCL	5.994						
71	**Note: DL/2 is not a recommended method.**											
72												
73												
74	**Aroclor-1254**											
75						**General Statistics**						
76					Number of Valid Data	84					Number of Detected Data	59
77					Number of Distinct Detected Data	37					Number of Non-Detect Data	25
78											Percent Non-Detects	29.76%
79												
80					**Raw Statistics**						**Log-transformed Statistics**	
81					Minimum Detected	0.013					Minimum Detected	-4.343
82					Maximum Detected	11					Maximum Detected	2.398
83					Mean of Detected	1.021					Mean of Detected	-0.522
84					SD of Detected	1.4					SD of Detected	1.271
85					Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377
86					Maximum Non-Detect	2.45					Maximum Non-Detect	0.896
87												
88	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	83
89	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
90	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.81%
91												
92						**UCL Statistics**						
93					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
94					Lilliefors Test Statistic	0.415					Lilliefors Test Statistic	0.372
95					5% Lilliefors Critical Value	0.115					5% Lilliefors Critical Value	0.115
96					**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**	
97												
98					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
99					DL/2 Substitution Method						DL/2 Substitution Method	
100					Mean	0.818					Mean	-1.443
101					SD	1.244					SD	2.329
102					95% DL/2 (t) UCL	1.044					95% H-Stat (DL/2) UCL	7.174
103												
104					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
105					**MLE method failed to converge properly**						Mean in Log Scale	-1.026
106											SD in Log Scale	1.391

107											Mean in Original Scale	0.763
108											SD in Original Scale	1.238
109											95% Percentile Bootstrap UCL	1.02
110											95% BCA Bootstrap UCL	1.159
111												
112	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
113					k star (bias corrected)	1.014	**Data do not follow a Discernable Distribution (0.05)**					
114					Theta Star	1.007						
115					nu star	119.7						
116												
117					A-D Test Statistic	6.912	**Nonparametric Statistics**					
118					5% A-D Critical Value	0.778	Kaplan-Meier (KM) Method					
119					K-S Test Statistic	0.778	Mean	0.775				
120					5% K-S Critical Value	0.119	SD	1.242				
121	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.138				
122							95% KM (t) UCL	1.004				
123	**Assuming Gamma Distribution**						95% KM (z) UCL	1.002				
124	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.003				
125					Minimum	1E-09	95% KM (bootstrap t) UCL	1.195				
126					Maximum	11	95% KM (BCA) UCL	1.05				
127					Mean	0.882	95% KM (Percentile Bootstrap) UCL	1.03				
128					Median	1.105	95% KM (Chebyshev) UCL	1.376				
129					SD	1.225	97.5% KM (Chebyshev) UCL	1.636				
130					k star	0.738	99% KM (Chebyshev) UCL	2.147				
131					Theta star	1.195						
132					Nu star	124	**Potential UCLs to Use**					
133					AppChi2	99.27	95% KM (Chebyshev) UCL	1.376				
134					95% Gamma Approximate UCL	1.101						
135					95% Adjusted Gamma UCL	1.105						
136	**Note: DL/2 is not a recommended method.**											
137												
138												
139	**Aroclor-1260**											
140							**General Statistics**					
141					Number of Valid Data	84	Number of Detected Data	42				
142					Number of Distinct Detected Data	22	Number of Non-Detect Data	42				
143							Percent Non-Detects	50.00%				
144												
145	**Raw Statistics**						**Log-transformed Statistics**					
146					Minimum Detected	1.065	Minimum Detected	0.063				
147					Maximum Detected	1.4	Maximum Detected	0.336				
148					Mean of Detected	1.159	Mean of Detected	0.146				
149					SD of Detected	0.0604	SD of Detected	0.0504				
150					Minimum Non-Detect	0.0017	Minimum Non-Detect	-6.377				
151					Maximum Non-Detect	2.45	Maximum Non-Detect	0.896				
152												
153	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect	84				
154	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected	0				
155	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage	100.00%				
156												
157							**UCL Statistics**					
158	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
159					Shapiro Wilk Test Statistic	0.844	Shapiro Wilk Test Statistic	0.866				

160					5% Shapiro Wilk Critical Value	0.942					5% Shapiro Wilk Critical Value	0.942
161	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
162												
163	Assuming Normal Distribution						Assuming Lognormal Distribution					
164					DL/2 Substitution Method						DL/2 Substitution Method	
165					Mean	0.683					Mean	-2.012
166					SD	0.568					SD	2.734
167					95% DL/2 (t) UCL	0.786					95% H-Stat (DL/2) UCL	21.78
168												
169					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
170	MLE method failed to converge properly										Mean in Log Scale	0.089
171											SD in Log Scale	0.073
172											Mean in Original Scale	1.096
173											SD in Original Scale	0.0813
174											95% Percentile Bootstrap UCL	1.111
175											95% BCA Bootstrap UCL	1.111
176												
177	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
178					k star (bias corrected)	366.4	Data do not follow a Discernable Distribution (0.05)					
179					Theta Star	0.00316						
180					nu star	30781						
181												
182					A-D Test Statistic	1.073	Nonparametric Statistics					
183					5% A-D Critical Value	0.747					Kaplan-Meier (KM) Method	
184					K-S Test Statistic	0.747					Mean	1.116
185					5% K-S Critical Value	0.136					SD	0.0642
186	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.00741
187											95% KM (t) UCL	1.128
188	Assuming Gamma Distribution										95% KM (z) UCL	1.128
189					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.128
190					Minimum	1.063					95% KM (bootstrap t) UCL	1.13
191					Maximum	1.4					95% KM (BCA) UCL	1.139
192					Mean	1.159					95% KM (Percentile Bootstrap) UCL	1.137
193					Median	1.156					95% KM (Chebyshev) UCL	1.148
194					SD	0.0489					97.5% KM (Chebyshev) UCL	1.162
195					k star	565.8					99% KM (Chebyshev) UCL	1.19
196					Theta star	0.00205						
197					Nu star	95057	Potential UCLs to Use					
198					AppChi2	94341					95% KM (t) UCL	1.128
199					95% Gamma Approximate UCL	1.167					95% KM (% Bootstrap) UCL	1.137
200					95% Adjusted Gamma UCL	1.168						
201	Note: DL/2 is not a recommended method.											
202												
203												
204	Aroclor-1268											
205							General Statistics					
206					Number of Valid Data	76					Number of Detected Data	70
207					Number of Distinct Detected Data	55					Number of Non-Detect Data	6
208											Percent Non-Detects	7.89%
209												
210	Raw Statistics						Log-transformed Statistics					
211					Minimum Detected	0.014					Minimum Detected	-4.269
212					Maximum Detected	44.7					Maximum Detected	3.8

213				Mean of Detected	4.486					Mean of Detected	0.252
214				SD of Detected	8.527					SD of Detected	1.693
215				Minimum Non-Detect	0.038					Minimum Non-Detect	-3.27
216				Maximum Non-Detect	2.45					Maximum Non-Detect	0.896
217											
218	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	59
219	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	17
220	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	77.63%
221											
222	**UCL Statistics**										
223	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**	
224				Lilliefors Test Statistic	0.369					Lilliefors Test Statistic	0.246
225				5% Lilliefors Critical Value	0.106					5% Lilliefors Critical Value	0.106
226	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**	
227											
228	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**	
229				DL/2 Substitution Method						DL/2 Substitution Method	
230				Mean	4.209					Mean	0.19
231				SD	8.235					SD	1.695
232				95% DL/2 (t) UCL	5.782					95% H-Stat (DL/2) UCL	9.238
233											
234				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
235	**MLE yields a negative mean**									Mean in Log Scale	0.171
236										SD in Log Scale	1.671
237										Mean in Original Scale	4.18
238										SD in Original Scale	8.247
239										95% Percentile Bootstrap UCL	5.78
240										95% BCA Bootstrap UCL	6.116
241											
242	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**	
243				k star (bias corrected)	0.495					**Data do not follow a Discernable Distribution (0.05)**	
244				Theta Star	9.057						
245				nu star	69.34						
246											
247				A-D Test Statistic	5.909					**Nonparametric Statistics**	
248				5% A-D Critical Value	0.816					Kaplan-Meier (KM) Method	
249				K-S Test Statistic	0.816					Mean	4.193
250				5% K-S Critical Value	0.113					SD	8.188
251	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.946
252										95% KM (t) UCL	5.769
253	**Assuming Gamma Distribution**									95% KM (z) UCL	5.749
254				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	5.768
255				Minimum	1E-09					95% KM (bootstrap t) UCL	6.434
256				Maximum	44.7					95% KM (BCA) UCL	5.701
257				Mean	4.203					95% KM (Percentile Bootstrap) UCL	5.887
258				Median	1.135					95% KM (Chebyshev) UCL	8.317
259				SD	8.237					97.5% KM (Chebyshev) UCL	10.1
260				k star	0.432					99% KM (Chebyshev) UCL	13.61
261				Theta star	9.731						
262				Nu star	65.66					**Potential UCLs to Use**	
263				AppChi2	48.01					97.5% KM (Chebyshev) UCL	10.1
264				95% Gamma Approximate UCL	5.748						
265				95% Adjusted Gamma UCL	5.783						

266	Note: DL/2 is not a recommended method.											
267												
268												
269	Arsenic											
270						General Statistics						
271					Number of Valid Data	10			Number of Detected Data	3		
272					Number of Distinct Detected Data	3			Number of Non-Detect Data	7		
273									Percent Non-Detects	70.00%		
274												
275					Raw Statistics				Log-transformed Statistics			
276					Minimum Detected	0.23			Minimum Detected	-1.47		
277					Maximum Detected	3.3			Maximum Detected	1.194		
278					Mean of Detected	1.477			Mean of Detected	-0.127		
279					SD of Detected	1.614			SD of Detected	1.332		
280					Minimum Non-Detect	1.6			Minimum Non-Detect	0.47		
281					Maximum Non-Detect	2			Maximum Non-Detect	0.693		
282												
283	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	9		
284	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	1		
285	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	90.00%		
286												
287						Warning: There are only 3 Distinct Detected Values in this data set							
288						The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.						
289						Those methods will return a 'N/A' value on your output display!						
290												
291						It is necessary to have 4 or more Distinct Values for bootstrap methods.						
292						However, results obtained using 4 to 9 distinct values may not be reliable.						
293						It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.						
294					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
295					Shapiro Wilk Test Statistic	0.904			Shapiro Wilk Test Statistic	1		
296					5% Shapiro Wilk Critical Value	0.767			5% Shapiro Wilk Critical Value	0.767		
297					Data appear Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level			
298												
299					Assuming Normal Distribution				Assuming Lognormal Distribution			
300					DL/2 Substitution Method				DL/2 Substitution Method			
301					Mean	1.053			Mean	-0.136		
302					SD	0.817			SD	0.631		
303					95% DL/2 (t) UCL	1.526			95% H-Stat (DL/2) UCL	1.549		
304												
305					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
306					MLE method failed to converge properly				Mean in Log Scale	-0.625		
307									SD in Log Scale	0.841		
308									Mean in Original Scale	0.785		
309									SD in Original Scale	0.924		
310									95% Percentile Bootstrap UCL	1.305		
311									95% BCA Bootstrap UCL	1.567		
312												
313					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
314					k star (bias corrected)	N/A			Data appear Normal at 5% Significance Level			
315					Theta Star	N/A						
316					nu star	N/A						
317												
318					A-D Test Statistic	N/A			Nonparametric Statistics			

	A	B	C	D	E	F	G	H	I	J	K	L
319					5% A-D Critical Value	N/A				Kaplan-Meier (KM) Method		
320					K-S Test Statistic	N/A					Mean	0.838
321					5% K-S Critical Value	N/A					SD	0.88
322				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.411
323											95% KM (t) UCL	1.592
324				Assuming Gamma Distribution							95% KM (z) UCL	1.515
325				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	1.726
326					Minimum	N/A					95% KM (bootstrap t) UCL	1.692
327					Maximum	N/A					95% KM (BCA) UCL	3.3
328					Mean	N/A					95% KM (Percentile Bootstrap) UCL	3.3
329					Median	N/A					95% KM (Chebyshev) UCL	2.631
330					SD	N/A					97.5% KM (Chebyshev) UCL	3.407
331					k star	N/A					99% KM (Chebyshev) UCL	4.931
332					Theta star	N/A						
333					Nu star	N/A				Potential UCLs to Use		
334					AppChi2	N/A					95% KM (t) UCL	1.592
335					95% Gamma Approximate UCL	N/A					95% KM (Percentile Bootstrap) UCL	3.3
336					95% Adjusted Gamma UCL	N/A						
337	Note: DL/2 is not a recommended method.											
338												
339												
340	Benzo(a)anthracene											
341						General Statistics						
342					Number of Distinct Detected Data	34					Number of Non-Detect Data	11
343												
344				Raw Statistics						Log-transformed Statistics		
345					Minimum Detected	0.0058					Minimum Detected	-5.15
346					Maximum Detected	0.86					Maximum Detected	-0.151
347					Mean of Detected	0.184					Mean of Detected	-1.844
348					SD of Detected	0.116					SD of Detected	0.663
349					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
350					Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
351												
352	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	54
353	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
354	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.18%
355												
356						UCL Statistics						
357				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
358					Shapiro Wilk Test Statistic	0.444					Shapiro Wilk Test Statistic	0.536
359					5% Shapiro Wilk Critical Value	0.944					5% Shapiro Wilk Critical Value	0.944
360				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
361												
362				Assuming Normal Distribution						Assuming Lognormal Distribution		
363					DL/2 Substitution Method						DL/2 Substitution Method	
364					Mean	0.183					Mean	-1.816
365					SD	0.104					SD	0.595
366					95% DL/2 (t) UCL	0.207					95% H-Stat (DL/2) UCL	0.271
367												
368					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
369				MLE method failed to converge properly							Mean in Log Scale	-1.851
370											SD in Log Scale	0.597
371											Mean in Original Scale	0.178

372											SD in Original Scale	0.105
373											95% Percentile Bootstrap UCL	0.203
374											95% BCA Bootstrap UCL	0.219
375												
376	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
377				k star (bias corrected)	3.268		Data do not follow a Discernable Distribution (0.05)					
378				Theta Star	0.0562							
379				nu star	287.6							
380												
381				A-D Test Statistic	8.186		Nonparametric Statistics					
382				5% A-D Critical Value	0.754						Kaplan-Meier (KM) Method	
383				K-S Test Statistic	0.754						Mean	0.18
384				5% K-S Critical Value	0.134						SD	0.105
385	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0146
386											95% KM (t) UCL	0.204
387	Assuming Gamma Distribution										95% KM (z) UCL	0.204
388				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.204
389				Minimum	0.0058						95% KM (bootstrap t) UCL	0.224
390				Maximum	0.86						95% KM (BCA) UCL	0.208
391				Mean	0.185						95% KM (Percentile Bootstrap) UCL	0.207
392				Median	0.172						95% KM (Chebyshev) UCL	0.243
393				SD	0.104						97.5% KM (Chebyshev) UCL	0.271
394				k star	4.093						99% KM (Chebyshev) UCL	0.325
395				Theta star	0.0451							
396				Nu star	450.2		Potential UCLs to Use					
397				AppChi2	402						95% KM (BCA) UCL	0.208
398				95% Gamma Approximate UCL	0.207							
399				95% Adjusted Gamma UCL	0.207							
400	Note: DL/2 is not a recommended method.											
401												
402												
403	Benzo(a)pyrene											
404							General Statistics					
405				Number of Valid Data	55						Number of Detected Data	44
406											Percent Non-Detects	20.00%
407												
408				Minimum Detected	0.0069						Minimum Detected	-4.976
409				Maximum Detected	0.96						Maximum Detected	-0.0408
410				Mean of Detected	0.188						Mean of Detected	-1.831
411				SD of Detected	0.131						SD of Detected	0.647
412				Minimum Non-Detect	0.33						Minimum Non-Detect	-1.109
413				Maximum Non-Detect	0.41						Maximum Non-Detect	-0.892
414												
415	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	53
416	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	2
417	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	96.36%
418												
419	UCL Statistics											
420	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
421				Shapiro Wilk Test Statistic	0.422						Shapiro Wilk Test Statistic	0.559
422				5% Shapiro Wilk Critical Value	0.944						5% Shapiro Wilk Critical Value	0.944
423	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
424												

	A	B	C	D	E	F	G	H	I	J	K	L
425	Assuming Normal Distribution						Assuming Lognormal Distribution					
426					DL/2 Substitution Method						DL/2 Substitution Method	
427					Mean	0.187					Mean	-1.805
428					SD	0.117					SD	0.581
429					95% DL/2 (t) UCL	0.213					95% H-Stat (DL/2) UCL	0.271
430												
431					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
432	MLE method failed to converge properly										Mean in Log Scale	-1.838
433											SD in Log Scale	0.582
434											Mean in Original Scale	0.181
435											SD in Original Scale	0.118
436											95% Percentile Bootstrap UCL	0.21
437											95% BCA Bootstrap UCL	0.224
438												
439	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
440					k star (bias corrected)	3.127	Data do not follow a Discernable Distribution (0.05)					
441					Theta Star	0.06						
442					nu star	275.1						
443												
444					A-D Test Statistic	8.156	Nonparametric Statistics					
445					5% A-D Critical Value	0.755					Kaplan-Meier (KM) Method	
446					K-S Test Statistic	0.755					Mean	0.183
447					5% K-S Critical Value	0.134					SD	0.118
448	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0163
449											95% KM (t) UCL	0.21
450	Assuming Gamma Distribution										95% KM (z) UCL	0.21
451					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.21
452					Minimum	0.0069					95% KM (bootstrap t) UCL	0.24
453					Maximum	0.96					95% KM (BCA) UCL	0.211
454					Mean	0.188					95% KM (Percentile Bootstrap) UCL	0.212
455					Median	0.173					95% KM (Chebyshev) UCL	0.254
456					SD	0.117					97.5% KM (Chebyshev) UCL	0.285
457					k star	3.917					99% KM (Chebyshev) UCL	0.345
458					Theta star	0.0481						
459					Nu star	430.9	Potential UCLs to Use					
460					AppChi2	383.7					95% KM (BCA) UCL	0.211
461					95% Gamma Approximate UCL	0.211						
462					95% Adjusted Gamma UCL	0.212						
463	Note: DL/2 is not a recommended method.											
464												
465												
466	Benzo(b)fluoranthene											
467						General Statistics						
468					Number of Valid Data	46					Number of Detected Data	39
469					Number of Distinct Detected Data	29					Number of Non-Detect Data	7
470												
471	Raw Statistics						Log-transformed Statistics					
472					Minimum Detected	0.012					Minimum Detected	-4.423
473					Mean of Detected	0.169					Mean of Detected	-1.845
474					SD of Detected	0.0465					SD of Detected	0.492
475					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
476					Maximum Non-Detect	0.37					Maximum Non-Detect	-0.994
477												

	A	B	C	D	E	F	G	H	I	J	K	L
478	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	45
479	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
480	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	97.83%
481												
482	UCL Statistics											
483	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
484					Shapiro Wilk Test Statistic	0.526					Shapiro Wilk Test Statistic	0.395
485					5% Shapiro Wilk Critical Value	0.939					5% Shapiro Wilk Critical Value	0.939
486	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
487												
488	Assuming Normal Distribution						Assuming Lognormal Distribution					
489					DL/2 Substitution Method						DL/2 Substitution Method	
490					Mean	0.17					Mean	-1.831
491					SD	0.0428					SD	0.453
492					95% DL/2 (t) UCL	0.181					95% H-Stat (DL/2) UCL	0.23
493												
494					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
495	MLE method failed to converge properly										Mean in Log Scale	-1.847
496											SD in Log Scale	0.454
497											Mean in Original Scale	0.168
498											SD in Original Scale	0.0434
499											95% Percentile Bootstrap UCL	0.178
500											95% BCA Bootstrap UCL	0.179
501												
502	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
503					k star (bias corrected)	6.769	Data do not follow a Discernable Distribution (0.05)					
504					Theta Star	0.025						
505					nu star	528						
506												
507					A-D Test Statistic	9.409	Nonparametric Statistics					
508					5% A-D Critical Value	0.75					Kaplan-Meier (KM) Method	
509					K-S Test Statistic	0.75					Mean	0.169
510					5% K-S Critical Value	0.141					SD	0.0442
511	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.00692
512											95% KM (t) UCL	0.18
513	Assuming Gamma Distribution										95% KM (z) UCL	0.18
514					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.18
515					Minimum	0.012					95% KM (bootstrap t) UCL	0.179
516					Maximum	0.37					95% KM (BCA) UCL	0.18
517					Mean	0.17					95% KM (Percentile Bootstrap) UCL	0.18
518					Median	0.17					95% KM (Chebyshev) UCL	0.199
519					SD	0.0429					97.5% KM (Chebyshev) UCL	0.212
520					k star	8.014					99% KM (Chebyshev) UCL	0.237
521					Theta star	0.0212						
522					Nu star	737.3	Potential UCLs to Use					
523					AppChi2	675.3					95% KM (Chebyshev) UCL	0.199
524					95% Gamma Approximate UCL	0.186						
525					95% Adjusted Gamma UCL	0.186						
526	Note: DL/2 is not a recommended method.											
527												
528												
529	Benzo(b/k)fluoranthene											
530	General Statistics											

531				Number of Valid Data	9					Number of Detected Data	6
532				Number of Distinct Detected Data	6					Number of Non-Detect Data	3
533										Percent Non-Detects	33.33%
534				**Raw Statistics**						**Log-transformed Statistics**	
535				Minimum Detected	0.055					Minimum Detected	-2.9
536				Maximum Detected	0.72					Maximum Detected	-0.329
537				Mean of Detected	0.281					Mean of Detected	-1.638
538				SD of Detected	0.244					SD of Detected	1.009
539				Minimum Non-Detect	0.38					Minimum Non-Detect	-0.968
540				Maximum Non-Detect	0.4					Maximum Non-Detect	-0.916
541											
542	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	8
543	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1
544	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	88.89%
545											
546	**Warning: There are only 6 Detected Values in this data**										
547	**Note: It should be noted that even though bootstrap may be performed on this data set**										
548	**the resulting calculations may not be reliable enough to draw conclusions**										
549											
550	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**										
551											
552											
553	**UCL Statistics**										
554	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**	
555				Shapiro Wilk Test Statistic	0.873					Shapiro Wilk Test Statistic	0.907
556				5% Shapiro Wilk Critical Value	0.788					5% Shapiro Wilk Critical Value	0.788
557	**Data appear Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**	
558											
559	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**	
560				DL/2 Substitution Method						DL/2 Substitution Method	
561				Mean	0.253					Mean	-1.635
562				SD	0.198					SD	0.798
563				95% DL/2 (t) UCL	0.375					95% H-Stat (DL/2) UCL	0.634
564											
565				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
566	**MLE method failed to converge properly**									Mean in Log Scale	-1.732
567										SD in Log Scale	0.834
568										Mean in Original Scale	0.239
569										SD in Original Scale	0.205
570										95% Percentile Bootstrap UCL	0.349
571										95% BCA Bootstrap UCL	0.411
572											
573	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**	
574				k star (bias corrected)	0.86					**Data appear Normal at 5% Significance Level**	
575				Theta Star	0.327						
576				nu star	10.32						
577											
578				A-D Test Statistic	0.321					**Nonparametric Statistics**	
579				5% A-D Critical Value	0.708					Kaplan-Meier (KM) Method	
580				K-S Test Statistic	0.708					Mean	0.252
581				5% K-S Critical Value	0.337					SD	0.198
582	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.0786
583										95% KM (t) UCL	0.398

584				**Assuming Gamma Distribution**							95% KM (z) UCL	0.381
585				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.399
586					Minimum	0.055					95% KM (bootstrap t) UCL	0.437
587					Maximum	0.72					95% KM (BCA) UCL	0.384
588					Mean	0.28					95% KM (Percentile Bootstrap) UCL	0.379
589					Median	0.277					95% KM (Chebyshev) UCL	0.595
590					SD	0.197					97.5% KM (Chebyshev) UCL	0.743
591					k star	1.482					99% KM (Chebyshev) UCL	1.034
592					Theta star	0.189						
593					Nu star	26.68					**Potential UCLs to Use**	
594					AppChi2	15.9					95% KM (t) UCL	0.398
595					95% Gamma Approximate UCL	0.47					95% KM (Percentile Bootstrap) UCL	0.379
596					95% Adjusted Gamma UCL	0.527						
597	**Note: DL/2 is not a recommended method.**											
598												
599												
600	**Chromium**											
601						**General Statistics**						
602					Number of Valid Observations	10					Number of Distinct Observations	9
603												
604					**Raw Statistics**						**Log-transformed Statistics**	
605					Minimum	3					Minimum of Log Data	1.099
606					Mean	5.861					Mean of log Data	1.679
607					Median	5.15					SD of log Data	0.43
608					SD	2.88						
609					Coefficient of Variation	0.491						
610					Skewness	1.658						
611												
612												
613						**Relevant UCL Statistics**						
614					**Normal Distribution Test**						**Lognormal Distribution Test**	
615					Shapiro Wilk Test Statistic	0.833					Shapiro Wilk Test Statistic	0.943
616					Shapiro Wilk Critical Value	0.842					Shapiro Wilk Critical Value	0.842
617					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
618												
619					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
620					95% Student's-t UCL	7.53					95% H-UCL	7.966
621					**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL	9.31
622					95% Adjusted-CLT UCL	7.869					97.5% Chebyshev (MVUE) UCL	10.82
623					95% Modified-t UCL	7.61					99% Chebyshev (MVUE) UCL	13.79
624												
625					**Gamma Distribution Test**						**Data Distribution**	
626					k star (bias corrected)	4.079					**Data appear Gamma Distributed at 5% Significance Level**	
627					Theta Star	1.437						
628					MLE of Mean	5.861						
629					MLE of Standard Deviation	2.902						
630					nu star	81.57						
631					Approximate Chi Square Value (.05)	61.76					**Nonparametric Statistics**	
632					Adjusted Level of Significance	0.0267					95% CLT UCL	7.359
633					Adjusted Chi Square Value	58.77					95% Jackknife UCL	7.53
634											95% Standard Bootstrap UCL	7.264
635					Anderson-Darling Test Statistic	0.418					95% Bootstrap-t UCL	8.68
636					Anderson-Darling 5% Critical Value	0.729					95% Hall's Bootstrap UCL	12.83

637				Kolmogorov-Smirnov Test Statistic	0.204				95% Percentile Bootstrap UCL	7.381		
638				Kolmogorov-Smirnov 5% Critical Value	0.267				95% BCA Bootstrap UCL	7.67		
639				**Data appear Gamma Distributed at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL	9.831		
640									97.5% Chebyshev(Mean, Sd) UCL	11.55		
641				**Assuming Gamma Distribution**					99% Chebyshev(Mean, Sd) UCL	14.92		
642				95% Approximate Gamma UCL	7.741							
643				95% Adjusted Gamma UCL	8.135							
644												
645				**Potential UCL to Use**					Use 95% Approximate Gamma UCL	7.741		
646												
647												
648	**Carbazole**											
649				**General Statistics**								
650				Number of Valid Data	9				Number of Detected Data	1		
651				Number of Distinct Detected Data	1				Number of Non-Detect Data	8		
652									Percent Non-Detects	88.89%		
653												
654				**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**								
655												
656				**The data set for variable Carbazole was not processed!**								
657												
658												
659												
660	**Dibenzo(a,h)anthracene**											
661				**General Statistics**								
662				Number of Valid Data	55				Number of Detected Data	42		
663				Number of Distinct Detected Data	32				Number of Non-Detect Data	13		
664									Percent Non-Detects	23.64%		
665												
666				**Raw Statistics**					**Log-transformed Statistics**			
667				Minimum Detected	0.0017				Minimum Detected	-6.377		
668				Mean of Detected	0.159				Mean of Detected	-1.992		
669				SD of Detected	0.0459				SD of Detected	0.858		
670				Minimum Non-Detect	0.33				Minimum Non-Detect	-1.109		
671				Maximum Non-Detect	0.41				Maximum Non-Detect	-0.892		
672												
673	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	55		
674	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	0		
675	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	100.00%		
676												
677				**UCL Statistics**								
678				**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**			
679				Shapiro Wilk Test Statistic	0.623				Shapiro Wilk Test Statistic	0.395		
680				5% Shapiro Wilk Critical Value	0.942				5% Shapiro Wilk Critical Value	0.942		
681				**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**			
682												
683				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
684				DL/2 Substitution Method					DL/2 Substitution Method			
685				Mean	0.165				Mean	-1.923		
686				SD	0.0418				SD	0.759		
687				95% DL/2 (t) UCL	0.174				95% H-Stat (DL/2) UCL	0.302		
688												
689				Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method			

690	MLE method failed to converge properly									Mean in Log Scale		-1.992
691										SD in Log Scale		0.755
692										Mean in Original Scale		0.154
693										SD in Original Scale		0.0434
694										95% Percentile Bootstrap UCL		0.163
695										95% BCA Bootstrap UCL		0.163
696												
697	Gamma Distribution Test with Detected Values Only									Data Distribution Test with Detected Values Only		
698				k star (bias corrected)	3.178					Data do not follow a Discernable Distribution (0.05)		
699				Theta Star	0.05							
700				nu star	267							
701												
702				A-D Test Statistic	9.754					Nonparametric Statistics		
703				5% A-D Critical Value	0.754					Kaplan-Meier (KM) Method		
704				K-S Test Statistic	0.754					Mean		0.159
705				5% K-S Critical Value	0.137					SD		0.0453
706	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.00708
707										95% KM (t) UCL		0.171
708	Assuming Gamma Distribution									95% KM (z) UCL		0.171
709				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.171
710				Minimum	0.0017					95% KM (bootstrap t) UCL		0.169
711				Maximum	0.26					95% KM (BCA) UCL		0.171
712				Mean	0.16					95% KM (Percentile Bootstrap) UCL		0.17
713				Median	0.169					95% KM (Chebyshev) UCL		0.19
714				SD	0.0409					97.5% KM (Chebyshev) UCL		0.203
715				k star	4.138					99% KM (Chebyshev) UCL		0.229
716				Theta star	0.0388							
717				Nu star	455.2					Potential UCLs to Use		
718				AppChi2	406.7					95% KM (BCA) UCL		0.171
719				95% Gamma Approximate UCL	0.18							
720				95% Adjusted Gamma UCL	0.18							
721	Note: DL/2 is not a recommended method.											
722												
723												
724	Indeno(1,2,3-cd)pyrene											
725	General Statistics											
726				Number of Valid Data	55					Number of Detected Data		43
727				Number of Distinct Detected Data	33					Number of Non-Detect Data		12
728										Percent Non-Detects		21.82%
729												
730	Raw Statistics									Log-transformed Statistics		
731				Minimum Detected	0.0072					Minimum Detected		-4.934
732				Maximum Detected	0.54					Maximum Detected		-0.616
733				Mean of Detected	0.175					Mean of Detected		-1.85
734				SD of Detected	0.0696					SD of Detected		0.61
735				Minimum Non-Detect	0.33					Minimum Non-Detect		-1.109
736				Maximum Non-Detect	0.41					Maximum Non-Detect		-0.892
737												
738	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		54
739	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
740	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		98.18%
741												
742	UCL Statistics											

	A	B	C	D	E	F	G	H	I	J	K	L
743	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
744					Shapiro Wilk Test Statistic	0.545					Shapiro Wilk Test Statistic	0.469
745					5% Shapiro Wilk Critical Value	0.943					5% Shapiro Wilk Critical Value	0.943
746	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
747												
748	Assuming Normal Distribution						Assuming Lognormal Distribution					
749					DL/2 Substitution Method						DL/2 Substitution Method	
750					Mean	0.177					Mean	-1.818
751					SD	0.0618					SD	0.543
752					95% DL/2 (t) UCL	0.191					95% H-Stat (DL/2) UCL	0.261
753												
754					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
755	MLE method failed to converge properly										Mean in Log Scale	-1.854
756											SD in Log Scale	0.543
757											Mean in Original Scale	0.171
758											SD in Original Scale	0.0629
759											95% Percentile Bootstrap UCL	0.186
760											95% BCA Bootstrap UCL	0.189
761												
762	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
763					k star (bias corrected)	4.458	Data do not follow a Discernable Distribution (0.05)					
764					Theta Star	0.0393						
765					nu star	383.4						
766												
767					A-D Test Statistic	8.693	Nonparametric Statistics					
768					5% A-D Critical Value	0.753					Kaplan-Meier (KM) Method	
769					K-S Test Statistic	0.753					Mean	0.173
770					5% K-S Critical Value	0.135					SD	0.0638
771	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.00917
772											95% KM (t) UCL	0.189
773	Assuming Gamma Distribution										95% KM (z) UCL	0.188
774					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.189
775					Minimum	0.0072					95% KM (bootstrap t) UCL	0.191
776					Maximum	0.54					95% KM (BCA) UCL	0.189
777					Mean	0.176					95% KM (Percentile Bootstrap) UCL	0.189
778					Median	0.171					95% KM (Chebyshev) UCL	0.213
779					SD	0.0618					97.5% KM (Chebyshev) UCL	0.231
780					k star	5.698					99% KM (Chebyshev) UCL	0.265
781					Theta star	0.031						
782					Nu star	626.8	Potential UCLs to Use					
783					AppChi2	569.7					95% KM (BCA) UCL	0.189
784					95% Gamma Approximate UCL	0.194						
785					95% Adjusted Gamma UCL	0.195						
786	Note: DL/2 is not a recommended method.											
787												
788												
789	Iron											
790					General Statistics							
791					Number of Valid Observations	10					Number of Distinct Observations	9
792												
793	Raw Statistics						Log-transformed Statistics					
794					Minimum	630					Minimum of Log Data	6.446
795					Maximum	14400					Maximum of Log Data	9.575

796					Mean	3719					Mean of log Data	7.851
797					Median	2800					SD of log Data	0.887
798					SD	3975						
799					Coefficient of Variation	1.069						
800					Skewness	2.544						
801												
802												
803					**Relevant UCL Statistics**							
804					**Normal Distribution Test**						**Lognormal Distribution Test**	
805					Shapiro Wilk Test Statistic	0.682					Shapiro Wilk Test Statistic	0.963
806					Shapiro Wilk Critical Value	0.842					Shapiro Wilk Critical Value	0.842
807					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
808												
809					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
810					95% Student's-t UCL	6023					95% H-UCL	8901
811					**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL	8233
812					95% Adjusted-CLT UCL	6867					97.5% Chebyshev (MVUE) UCL	10228
813					95% Modified-t UCL	6192					99% Chebyshev (MVUE) UCL	14149
814												
815					**Gamma Distribution Test**						**Data Distribution**	
816					k star (bias corrected)	1.114					**Data appear Gamma Distributed at 5% Significance Level**	
817					Theta Star	3338						
818					MLE of Mean	3719						
819					MLE of Standard Deviation	3523						
820					nu star	22.28						
821					Approximate Chi Square Value (.05)	12.55					**Nonparametric Statistics**	
822					Adjusted Level of Significance	0.0267					95% CLT UCL	5787
823					Adjusted Chi Square Value	11.3					95% Jackknife UCL	6023
824											95% Standard Bootstrap UCL	5714
825					Anderson-Darling Test Statistic	0.414					95% Bootstrap-t UCL	9417
826					Anderson-Darling 5% Critical Value	0.739					95% Hall's Bootstrap UCL	14585
827					Kolmogorov-Smirnov Test Statistic	0.194					95% Percentile Bootstrap UCL	5859
828					Kolmogorov-Smirnov 5% Critical Value	0.271					95% BCA Bootstrap UCL	6650
829					**Data appear Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	9198
830											97.5% Chebyshev(Mean, Sd) UCL	11569
831					**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	16227
832					95% Approximate Gamma UCL	6603						
833					95% Adjusted Gamma UCL	7334						
834												
835					**Potential UCL to Use**						Use 95% Approximate Gamma UCL	6603
836												
837												
838	**Mercury**											
839					**General Statistics**							
840					Number of Valid Data	62					Number of Detected Data	61
841					Number of Distinct Detected Data	53					Number of Non-Detect Data	1
842											Percent Non-Detects	1.61%
843												
844					**Raw Statistics**						**Log-transformed Statistics**	
845					Minimum Detected	0.261					Minimum Detected	-1.343
846					Maximum Detected	17.5					Maximum Detected	2.862
847					Mean of Detected	1.979					Mean of Detected	-0.401
848					SD of Detected	3.694					SD of Detected	1.304

	A	B	C	D	E	F	G	H	I	J	K	L
849					Minimum Non-Detect	0.12					Minimum Non-Detect	-2.12
850					Maximum Non-Detect	0.12					Maximum Non-Detect	-2.12
851												
852												
853					UCL Statistics							
854				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
855					Lilliefors Test Statistic	0.334					Lilliefors Test Statistic	0.358
856					5% Lilliefors Critical Value	0.113					5% Lilliefors Critical Value	0.113
857				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
858												
859				Assuming Normal Distribution						Assuming Lognormal Distribution		
860					DL/2 Substitution Method						DL/2 Substitution Method	
861					Mean	1.948					Mean	-0.44
862					SD	3.672					SD	1.329
863					95% DL/2 (t) UCL	2.727					95% H-Stat (DL/2) UCL	2.278
864												
865					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
866					Mean	1.911					Mean in Log Scale	-0.449
867					SD	3.681					SD in Log Scale	1.348
868					95% MLE (t) UCL	2.692					Mean in Original Scale	1.948
869					95% MLE (Tiku) UCL	2.611					SD in Original Scale	3.672
870											95% Percentile Bootstrap UCL	2.716
871											95% BCA Bootstrap UCL	2.851
872												
873				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
874					k star (bias corrected)	0.557				Data do not follow a Discernable Distribution (0.05)		
875					Theta Star	3.555						
876					nu star	67.92						
877												
878					A-D Test Statistic	9.036				Nonparametric Statistics		
879					5% A-D Critical Value	0.809					Kaplan-Meier (KM) Method	
880					K-S Test Statistic	0.809					Mean	1.951
881					5% K-S Critical Value	0.12					SD	3.641
882				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.466
883											95% KM (t) UCL	2.73
884				Assuming Gamma Distribution							95% KM (z) UCL	2.718
885					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.73
886					Minimum	1E-09					95% KM (bootstrap t) UCL	2.945
887					Maximum	17.5					95% KM (BCA) UCL	2.761
888					Mean	1.947					95% KM (Percentile Bootstrap) UCL	2.781
889					Median	0.298					95% KM (Chebyshev) UCL	3.984
890					SD	3.673					97.5% KM (Chebyshev) UCL	4.863
891					k star	0.45					99% KM (Chebyshev) UCL	6.59
892					Theta star	4.331						
893					Nu star	55.75				Potential UCLs to Use		
894					AppChi2	39.59					95% KM (Chebyshev) UCL	3.984
895					95% Gamma Approximate UCL	2.742						
896					95% Adjusted Gamma UCL	2.765						
897	Note: DL/2 is not a recommended method.											
898												
899												

	General UCL Statistics for Data Sets with Non-Detects	
User Selected Options		
From File	C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Industrial Files\ProUCL_Input	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

1,1,2,2-Tetrachloroethane

General Statistics

Number of Valid Data	118	Number of Detected Data	15
Number of Distinct Detected Data	3	Number of Non-Detect Data	103
		Percent Non-Detects	87.29%

Raw Statistics		Log-transformed Statistics	
Minimum Detected	0.0275	Minimum Detected	-3.594
Maximum Detected	0.03	Maximum Detected	-3.507
Mean of Detected	0.0294	Mean of Detected	-3.526
SD of Detected	0.00103	SD of Detected	0.0359
Minimum Non-Detect	0.00009	Minimum Non-Detect	-9.316
Maximum Non-Detect	11	Maximum Non-Detect	2.398
Note: Data have multiple DLs - Use of KM Method is recommended		Number treated as Non-Detect	118
For all methods (except KM, DL/2, and ROS Methods),		Number treated as Detected	0
Observations < Largest ND are treated as NDs		Single DL Non-Detect Percentage	100.00%

Warning: There are only 3 Distinct Detected Values in this data set

The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.

Those methods will return a 'N/A' value on your output display!

It is necessary to have 4 or more Distinct Values for bootstrap methods.

However, results obtained using 4 to 9 distinct values may not be reliable.

It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.

UCL Statistics

Normal Distribution Test with Detected Values Only		Lognormal Distribution Test with Detected Values Only	
Shapiro Wilk Test Statistic	0.573	Shapiro Wilk Test Statistic	0.572
5% Shapiro Wilk Critical Value	0.881	5% Shapiro Wilk Critical Value	0.881
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	
Assuming Normal Distribution		Assuming Lognormal Distribution	
DL/2 Substitution Method		DL/2 Substitution Method	
Mean	0.132	Mean	-3.801
SD	0.579	SD	1.574
95% DL/2 (t) UCL	0.221	95% H-Stat (DL/2) UCL	0.154
Maximum Likelihood Estimate(MLE) Method	N/A	Log ROS Method	
MLE method failed to converge properly		Mean in Log Scale	-3.572
		SD in Log Scale	0.0427
		Mean in Original Scale	0.0281
		SD in Original Scale	0.00121
		95% Percentile Bootstrap UCL	0.0283
		95% BCA Bootstrap UCL	0.0283

54												
55	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
56					k star (bias corrected)	674.9	Data do not follow a Discernable Distribution (0.05)					
57					Theta Star	4.361E-05						
58					nu star	20248						
59												
60					A-D Test Statistic	3.264	Nonparametric Statistics					
61					5% A-D Critical Value	0.734				Kaplan-Meier (KM) Method		
62					K-S Test Statistic	0.734				Mean		0.0282
63					5% K-S Critical Value	0.221				SD		0.00113
64	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.0001866
65										95% KM (t) UCL		0.0286
66	Assuming Gamma Distribution									95% KM (z) UCL		0.0286
67					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.0285
68					Minimum	0.0275				95% KM (bootstrap t) UCL		0.0286
69					Maximum	0.0301				95% KM (BCA) UCL		0.0293
70					Mean	0.0293				95% KM (Percentile Bootstrap) UCL		0.0292
71					Median	0.0293				95% KM (Chebyshev) UCL		0.0291
72					SD	0.0004242				97.5% KM (Chebyshev) UCL		0.0294
73					k star	4623				99% KM (Chebyshev) UCL		0.0301
74					Theta star	6.341E-06						
75					Nu star	1090934	Potential UCLs to Use					
76					AppChi2	1088505				95% KM (t) UCL		0.0286
77					95% Gamma Approximate UCL	0.0294				95% KM (% Bootstrap) UCL		0.0292
78					95% Adjusted Gamma UCL	0.0294						
79	Note: DL/2 is not a recommended method.											
80												
81												
82	1,2,4-Trimethylbenzene											
83	General Statistics											
84					Number of Valid Data	96				Number of Detected Data		31
85					Number of Distinct Detected Data	19				Number of Non-Detect Data		65
86										Percent Non-Detects		67.71%
87												
88	Raw Statistics						Log-transformed Statistics					
89					Minimum Detected	0.0275				Minimum Detected		-3.594
90					Maximum Detected	23.3				Maximum Detected		3.148
91					Mean of Detected	3.034				Mean of Detected		-1.635
92					SD of Detected	6.035				SD of Detected		2.466
93					Minimum Non-Detect	0.00009				Minimum Non-Detect		-9.316
94					Maximum Non-Detect	0.11				Maximum Non-Detect		-2.207
95												
96	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		85
97	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		11
98	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		88.54%
99												
100	UCL Statistics											
101	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
102					Shapiro Wilk Test Statistic	0.581				Shapiro Wilk Test Statistic		0.74
103					5% Shapiro Wilk Critical Value	0.929				5% Shapiro Wilk Critical Value		0.929
104	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
105												
106	Assuming Normal Distribution						Assuming Lognormal Distribution					

107				DL/2 Substitution Method						DL/2 Substitution Method		
108				Mean	0.999					Mean		-3.112
109				SD	3.674					SD		2.041
110				95% DL/2 (t) UCL	1.622					95% H-Stat (DL/2) UCL		0.796
111												
112				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
113				**MLE yields a negative mean**						Mean in Log Scale		-3.406
114										SD in Log Scale		2.327
115										Mean in Original Scale		1.008
116										SD in Original Scale		3.672
117										95% Percentile Bootstrap UCL		1.68
118										95% BCA Bootstrap UCL		1.816
119												
120				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
121				k star (bias corrected)	0.254					**Data do not follow a Discernable Distribution (0.05)**		
122				Theta Star	11.94							
123				nu star	15.75							
124												
125				A-D Test Statistic	4.214					**Nonparametric Statistics**		
126				5% A-D Critical Value	0.873					Kaplan-Meier (KM) Method		
127				K-S Test Statistic	0.873					Mean		1
128				5% K-S Critical Value	0.173					SD		3.655
129				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.379
130										95% KM (t) UCL		1.629
131				**Assuming Gamma Distribution**						95% KM (z) UCL		1.623
132				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.622
133				Minimum	0.0275					95% KM (bootstrap t) UCL		1.968
134				Maximum	23.3					95% KM (BCA) UCL		1.722
135				Mean	3.037					95% KM (Percentile Bootstrap) UCL		1.669
136				Median	1.779					95% KM (Chebyshev) UCL		2.652
137				SD	3.738					97.5% KM (Chebyshev) UCL		3.367
138				k star	0.609					99% KM (Chebyshev) UCL		4.772
139				Theta star	4.99							
140				Nu star	116.9					**Potential UCLs to Use**		
141				AppChi2	92.9					97.5% KM (Chebyshev) UCL		3.367
142				95% Gamma Approximate UCL	3.821							
143				95% Adjusted Gamma UCL	3.834							
144	**Note: DL/2 is not a recommended method.**											
145												
146												
147	**1,4-Dichlorobenzene**											
148										**General Statistics**		
149				Number of Valid Data	117					Number of Detected Data		15
150				Number of Distinct Detected Data	3					Number of Non-Detect Data		102
151										Percent Non-Detects		87.18%
152												
153				**Raw Statistics**						**Log-transformed Statistics**		
154				Minimum Detected	0.0275					Minimum Detected		-3.594
155				Maximum Detected	0.03					Maximum Detected		-3.507
156				Mean of Detected	0.0294					Mean of Detected		-3.526
157				SD of Detected	0.00103					SD of Detected		0.0359
158				Minimum Non-Detect	0.00011					Minimum Non-Detect		-9.115
159				Maximum Non-Detect	11					Maximum Non-Detect		2.398

160												
161	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	117
162	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
163	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
164												
165	**Warning: There are only 3 Distinct Detected Values in this data set**											
166	**The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.**											
167	**Those methods will return a 'N/A' value on your output display!**											
168												
169	**It is necessary to have 4 or more Distinct Values for bootstrap methods.**											
170	**However, results obtained using 4 to 9 distinct values may not be reliable.**											
171	**It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.**											
172												
173												
174	**UCL Statistics**											
175	**Normal Distribution Test with Detected Values Only**										**Lognormal Distribution Test with Detected Values Only**	
176	Shapiro Wilk Test Statistic				0.573						Shapiro Wilk Test Statistic	0.572
177	5% Shapiro Wilk Critical Value				0.881						5% Shapiro Wilk Critical Value	0.881
178	**Data not Normal at 5% Significance Level**										**Data not Lognormal at 5% Significance Level**	
179												
180	**Assuming Normal Distribution**										**Assuming Lognormal Distribution**	
181	DL/2 Substitution Method										DL/2 Substitution Method	
182	Mean				0.158						Mean	-3.155
183	SD				0.569						SD	1.515
184	95% DL/2 (t) UCL				0.245						95% H-Stat (DL/2) UCL	0.292
185												
186	Maximum Likelihood Estimate(MLE) Method				N/A						Log ROS Method	
187	**MLE method failed to converge properly**										Mean in Log Scale	-3.536
188											SD in Log Scale	0.0311
189											Mean in Original Scale	0.0291
190											SD in Original Scale	0.0009045
191											95% Percentile Bootstrap UCL	0.0293
192											95% BCA Bootstrap UCL	0.0293
193												
194	**Gamma Distribution Test with Detected Values Only**										**Data Distribution Test with Detected Values Only**	
195	k star (bias corrected)				674.9						**Data do not follow a Discernable Distribution (0.05)**	
196	Theta Star				4.361E-05							
197	nu star				20248							
198												
199	A-D Test Statistic				3.264						**Nonparametric Statistics**	
200	5% A-D Critical Value				0.734						Kaplan-Meier (KM) Method	
201	K-S Test Statistic				0.734						Mean	0.0291
202	5% K-S Critical Value				0.221						SD	0.00116
203	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.0002833
204											95% KM (t) UCL	0.0296
205	**Assuming Gamma Distribution**										95% KM (z) UCL	0.0296
206	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.0296
207	Minimum				0.0263						95% KM (bootstrap t) UCL	0.0296
208	Maximum				0.0308						95% KM (BCA) UCL	0.0297
209	Mean				0.0296						95% KM (Percentile Bootstrap) UCL	0.0296
210	Median				0.0299						95% KM (Chebyshev) UCL	0.0303
211	SD				0.0009477						97.5% KM (Chebyshev) UCL	0.0309
212	k star				933						99% KM (Chebyshev) UCL	0.0319

213					Theta star	3.173E-05						
214					Nu star	218318				Potential UCLs to Use		
215					AppChi2	217233				95% KM (t) UCL		0.0296
216				95% Gamma Approximate UCL		0.0298				95% KM (% Bootstrap) UCL		0.0296
217				95% Adjusted Gamma UCL		0.0298						
218	Note: DL/2 is not a recommended method.											
219												
220										SD in Original Scale		3.405
221										95% Percentile Bootstrap UCL		1.287
222										95% BCA Bootstrap UCL		1.617
223												
224	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
225					k star (bias corrected)	0.308	Data appear Lognormal at 5% Significance Level					
226					Theta Star	9.992						
227					nu star	13.55						
228												
229					A-D Test Statistic	1.296	Nonparametric Statistics					
230					5% A-D Critical Value	0.843				Kaplan-Meier (KM) Method		
231					K-S Test Statistic	0.843				Mean		0.693
232					5% K-S Critical Value	0.201				SD		3.389
233	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.328
234										95% KM (t) UCL		1.238
235	Assuming Gamma Distribution									95% KM (z) UCL		1.234
236				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.226
237					Minimum	1E-09				95% KM (bootstrap t) UCL		2.033
238					Maximum	32				95% KM (BCA) UCL		1.315
239					Mean	3.017				95% KM (Percentile Bootstrap) UCL		1.295
240					Median	3.306				95% KM (Chebyshev) UCL		2.125
241					SD	3.379				97.5% KM (Chebyshev) UCL		2.744
242					k star	0.495				99% KM (Chebyshev) UCL		3.961
243					Theta star	6.096						
244					Nu star	110.9	Potential UCLs to Use					
245					AppChi2	87.57				97.5% KM (Chebyshev) UCL		2.744
246				95% Gamma Approximate UCL		3.82						
247				95% Adjusted Gamma UCL		3.832						
248	Note: DL/2 is not a recommended method.											
249												
250												
251	1-Methyl Naphthalene											
252							General Statistics					
253					Number of Valid Data	84				Number of Detected Data		12
254					Number of Distinct Detected Data	12				Number of Non-Detect Data		72
255										Percent Non-Detects		85.71%
256												
257	Raw Statistics						Log-transformed Statistics					
258					Minimum Detected	0.4				Minimum Detected		-0.916
259					Maximum Detected	26.9				Maximum Detected		3.292
260					Mean of Detected	7.183				Mean of Detected		1.258
261					SD of Detected	8.568				SD of Detected		1.342
262					Minimum Non-Detect	0.31				Minimum Non-Detect		-1.171
263					Maximum Non-Detect	3.26				Maximum Non-Detect		1.182
264												
265	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		77

266	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	7
267	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	91.67%
268												
269	**UCL Statistics**											
270	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
271	Shapiro Wilk Test Statistic				0.765		Shapiro Wilk Test Statistic					0.953
272	5% Shapiro Wilk Critical Value				0.859		5% Shapiro Wilk Critical Value					0.859
273	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
274												
275	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
276	DL/2 Substitution Method						DL/2 Substitution Method					
277	Mean				1.191		Mean					-1.302
278	SD				3.976		SD					1.186
279	95% DL/2 (t) UCL				1.913		95% H-Stat (DL/2) UCL					0.55
280												
281	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
282	**MLE yields a negative mean**						Mean in Log Scale					-3.896
283							SD in Log Scale					2.966
284							Mean in Original Scale					1.064
285							SD in Original Scale					4.006
286							95% Percentile Bootstrap UCL					1.835
287							95% BCA Bootstrap UCL					2.248
288												
289	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
290	k star (bias corrected)				0.676		**Data appear Gamma Distributed at 5% Significance Level**					
291	Theta Star				10.62							
292	nu star				16.24							
293												
294	A-D Test Statistic				0.388		**Nonparametric Statistics**					
295	5% A-D Critical Value				0.763		Kaplan-Meier (KM) Method					
296	K-S Test Statistic				0.763		Mean					1.37
297	5% K-S Critical Value				0.254		SD					3.905
298	**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean					0.445
299							95% KM (t) UCL					2.11
300	**Assuming Gamma Distribution**						95% KM (z) UCL					2.102
301	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					2.039
302	Minimum				0.4		95% KM (bootstrap t) UCL					2.676
303	Maximum				26.9		95% KM (BCA) UCL					3.263
304	Mean				7.363		95% KM (Percentile Bootstrap) UCL					2.679
305	Median				7.031		95% KM (Chebyshev) UCL					3.309
306	SD				3.476		97.5% KM (Chebyshev) UCL					4.149
307	k star				4.077		99% KM (Chebyshev) UCL					5.797
308	Theta star				1.806							
309	Nu star				684.9		**Potential UCLs to Use**					
310	AppChi2				625.2		95% KM (t) UCL					2.11
311	95% Gamma Approximate UCL				8.066							
312	95% Adjusted Gamma UCL				8.079							
313	**Note: DL/2 is not a recommended method.**											
314												
315												
316	**2-Methylnaphthalene**											
317	**General Statistics**											
318	Number of Valid Data				112		Number of Detected Data					22

319			Number of Distinct Detected Data		20				Number of Non-Detect Data		90	
320									Percent Non-Detects		80.36%	
321												
322			Raw Statistics						Log-transformed Statistics			
323			Minimum Detected		0.0017				Minimum Detected		-6.377	
324			Maximum Detected		32				Maximum Detected		3.466	
325			Mean of Detected		3.077				Mean of Detected		-0.997	
326			SD of Detected		7.335				SD of Detected		2.291	
327			Minimum Non-Detect		0.00039				Minimum Non-Detect		-7.849	
328			Maximum Non-Detect		3.26				Maximum Non-Detect		1.182	
329												
330	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect		109	
331	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected		3	
332	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage		97.32%	
333												
334					UCL Statistics							
335			Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only			
336			Shapiro Wilk Test Statistic		0.472				Shapiro Wilk Test Statistic		0.973	
337			5% Shapiro Wilk Critical Value		0.911				5% Shapiro Wilk Critical Value		0.911	
338			Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level			
339												
340			Assuming Normal Distribution						Assuming Lognormal Distribution			
341			DL/2 Substitution Method						DL/2 Substitution Method			
342			Mean		0.757				Mean		-1.692	
343			SD		3.395				SD		1.41	
344			95% DL/2 (t) UCL		1.289				95% H-Stat (DL/2) UCL		0.658	
345												
346			Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method			
347			MLE yields a negative mean						Mean in Log Scale		-2.625	
348									SD in Log Scale		1.854	
349									Mean in Original Scale		0.701	
350												
351	4,6-Dinitro-2-methylphenol											
352					General Statistics							
353			Number of Valid Data		21				Number of Detected Data		1	
354			Number of Distinct Detected Data		1				Number of Non-Detect Data		20	
355									Percent Non-Detects		95.24%	
356												
357			Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!									
358			It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).									
359												
360			The data set for variable 4,6-Dinitro-2-methylphenol was not processed!									
361												
362												
363	Aluminum											
364					General Statistics							
365			Number of Valid Observations		11				Number of Distinct Observations		11	
366												
367			Raw Statistics						Log-transformed Statistics			
368			Minimum		2430				Minimum of Log Data		7.796	
369			Maximum		21900				Maximum of Log Data		9.994	
370			Mean		5036				Mean of log Data		8.274	
371			Median		3320				SD of log Data		0.596	

372				SD	5623							
373				Coefficient of Variation	1.117							
374				Skewness	3.252							
375												
376				**Relevant UCL Statistics**								
377				**Normal Distribution Test**					**Lognormal Distribution Test**			
378				Shapiro Wilk Test Statistic	0.444				Shapiro Wilk Test Statistic	0.633		
379				Shapiro Wilk Critical Value	0.85				Shapiro Wilk Critical Value	0.85		
380				**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**			
381												
382				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
383				95% Student's-t UCL	8109				95% H-UCL	7238		
384				**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL	8305		
385				95% Adjusted-CLT UCL	9602				97.5% Chebyshev (MVUE) UCL	9909		
386				95% Modified-t UCL	8386				99% Chebyshev (MVUE) UCL	13059		
387												
388				**Gamma Distribution Test**					**Data Distribution**			
389				k star (bias corrected)	1.621				**Data do not follow a Discernable Distribution (0.05)**			
390				Theta Star	3106							
391				MLE of Mean	5036							
392				MLE of Standard Deviation	3955							
393				nu star	35.67							
394				Approximate Chi Square Value (.05)	23				**Nonparametric Statistics**			
395				Adjusted Level of Significance	0.0278				95% CLT UCL	7825		
396				Adjusted Chi Square Value	21.36				95% Jackknife UCL	8109		
397									95% Standard Bootstrap UCL	7710		
398				Anderson-Darling Test Statistic	2.16				95% Bootstrap-t UCL	28032		
399				Anderson-Darling 5% Critical Value	0.738				95% Hall's Bootstrap UCL	22340		
400				Kolmogorov-Smirnov Test Statistic	0.384				95% Percentile Bootstrap UCL	8359		
401				Kolmogorov-Smirnov 5% Critical Value	0.258				95% BCA Bootstrap UCL	10055		
402				**Data not Gamma Distributed at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL	12427		
403									97.5% Chebyshev(Mean, Sd) UCL	15624		
404				**Assuming Gamma Distribution**					99% Chebyshev(Mean, Sd) UCL	21906		
405				95% Approximate Gamma UCL	7810							
406				95% Adjusted Gamma UCL	8411							
407												
408				**Potential UCL to Use**					Use 95% Chebyshev (Mean, Sd) UCL	12427		
409												
410												
411	**Antimony**											
412				**General Statistics**								
413				Number of Valid Data	14				Number of Detected Data	5		
414				Number of Distinct Detected Data	5				Number of Non-Detect Data	9		
415									Percent Non-Detects	64.29%		
416												
417				**Raw Statistics**					**Log-transformed Statistics**			
418				Minimum Detected	0.00899				Minimum Detected	-4.712		
419				Maximum Detected	9.86				Maximum Detected	2.288		
420				Mean of Detected	2.047				Mean of Detected	-1.856		
421				SD of Detected	4.368				SD of Detected	2.608		
422				Minimum Non-Detect	0.03				Minimum Non-Detect	-3.507		
423				Maximum Non-Detect	16.3				Maximum Non-Detect	2.791		
424												

	A	B	C	D	E	F	G	H	I	J	K	L
425	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	14
426	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
427	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
428												
429	Warning: There are only 5 Detected Values in this data											
430	Note: It should be noted that even though bootstrap may be performed on this data set											
431	the resulting calculations may not be reliable enough to draw conclusions											
432												
433	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
434												
435												
436	UCL Statistics											
437	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
438	Shapiro Wilk Test Statistic					0.567	Shapiro Wilk Test Statistic					0.922
439	5% Shapiro Wilk Critical Value					0.762	5% Shapiro Wilk Critical Value					0.762
440	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
441												
442	Assuming Normal Distribution						Assuming Lognormal Distribution					
443	DL/2 Substitution Method						DL/2 Substitution Method					
444	Mean					4.743	Mean					0.149
445	SD					3.708	SD					2.662
446	95% DL/2 (t) UCL					6.498	95% H-Stat (DL/2) UCL					3332
447												
448	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
449	MLE method failed to converge properly						Mean in Log Scale					-2.439
450							SD in Log Scale					2.055
451							Mean in Original Scale					0.858
452							SD in Original Scale					2.601
453							95% Percentile Bootstrap UCL					2.212
454							95% BCA Bootstrap UCL					2.971
455												
456	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
457	k star (bias corrected)					0.242	Data Follow Appr. Gamma Distribution at 5% Significance Level					
458	Theta Star					8.449						
459	nu star					2.422						
460												
461	A-D Test Statistic					0.665	Nonparametric Statistics					
462	5% A-D Critical Value					0.749	Kaplan-Meier (KM) Method					
463	K-S Test Statistic					0.749	Mean					1.707
464	5% K-S Critical Value					0.382	SD					3.647
465	Data follow Appr. Gamma Distribution at 5% Significance Level						SE of Mean					1.664
466							95% KM (t) UCL					4.655
467	Assuming Gamma Distribution						95% KM (z) UCL					4.445
468	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					4.752
469	Minimum					1E-09	95% KM (bootstrap t) UCL					119.1
470	Maximum					9.86	95% KM (BCA) UCL					4.95
471	Mean					2.355	95% KM (Percentile Bootstrap) UCL					4.94
472	Median					0.573	95% KM (Chebyshev) UCL					8.962
473	SD					3.934	97.5% KM (Chebyshev) UCL					12.1
474	k star					0.156	99% KM (Chebyshev) UCL					18.27
475	Theta star					15.11						
476	Nu star					4.364	Potential UCLs to Use					
477	AppChi2					0.87	95% KM (t) UCL					4.655

478				95% Gamma Approximate UCL		11.81						
479				95% Adjusted Gamma UCL		14.95						
480	Note: DL/2 is not a recommended method.											
481												
482												
483	Aroclor-1016											
484						General Statistics						
485					Number of Valid Data	229				Number of Detected Data		16
486					Number of Distinct Detected Data	4				Number of Non-Detect Data		213
487										Percent Non-Detects		93.01%
488												
489				Raw Statistics					Log-transformed Statistics			
490					Minimum Detected	2.19				Minimum Detected		0.784
491					Maximum Detected	2.415				Maximum Detected		0.882
492					Mean of Detected	2.368				Mean of Detected		0.862
493					SD of Detected	0.0891				SD of Detected		0.0387
494					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
495					Maximum Non-Detect	418				Maximum Non-Detect		6.035
496												
497	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		229
498	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
499	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
500												
501						Warning: There are only 4 Distinct Detected Values in this data						
502						Note: It should be noted that even though bootstrap may be performed on this data set						
503						the resulting calculations may not be reliable enough to draw conclusions						
504												
505						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
506												
507												
508						UCL Statistics						
509				Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only			
510					Shapiro Wilk Test Statistic	0.555				Shapiro Wilk Test Statistic		0.554
511					5% Shapiro Wilk Critical Value	0.887				5% Shapiro Wilk Critical Value		0.887
512				Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level			
513												
514				Assuming Normal Distribution					Assuming Lognormal Distribution			
515					DL/2 Substitution Method					DL/2 Substitution Method		
516					Mean	1.983				Mean		-0.381
517					SD	13.75				SD		1.624
518					95% DL/2 (t) UCL	3.484				95% H-Stat (DL/2) UCL		3.533
519												
520					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
521				MLE method failed to converge properly						Mean in Log Scale		0.735
522										SD in Log Scale		0.0514
523										Mean in Original Scale		2.089
524										SD in Original Scale		0.11
525										95% Percentile Bootstrap UCL		2.101
526										95% BCA Bootstrap UCL		2.101
527												
528				Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only			
529					k star (bias corrected)	590.1				Data do not follow a Discernable Distribution (0.05)		
530					Theta Star	0.00401						

531					nu star	18883						
532												
533					A-D Test Statistic	3.637			Nonparametric Statistics			
534					5% A-D Critical Value	0.736					Kaplan-Meier (KM) Method	
535					K-S Test Statistic	0.736					Mean	2.204
536					5% K-S Critical Value	0.214					SD	0.0541
537			Data not Gamma Distributed at 5% Significance Level								SE of Mean	0.00394
538											95% KM (t) UCL	2.211
539			Assuming Gamma Distribution								95% KM (z) UCL	2.211
540					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.21
541					Minimum	2.19					95% KM (bootstrap t) UCL	2.21
542					Maximum	2.415					95% KM (BCA) UCL	2.415
543					Mean	2.368					95% KM (Percentile Bootstrap) UCL	2.218
544					Median	2.368					95% KM (Chebyshev) UCL	2.222
545					SD	0.0229					97.5% KM (Chebyshev) UCL	2.229
546					k star	10251					99% KM (Chebyshev) UCL	2.244
547					Theta star	0.000231						
548					Nu star	4694988			Potential UCLs to Use			
549					AppChi2	4689949					95% KM (t) UCL	2.211
550					95% Gamma Approximate UCL	2.371					95% KM (% Bootstrap) UCL	2.218
551					95% Adjusted Gamma UCL	2.371						
552	Note: DL/2 is not a recommended method.											
553												
554												
555	Aroclor-1254											
556						General Statistics						
557					Number of Valid Data	228					Number of Detected Data	51
558					Number of Distinct Detected Data	34					Number of Non-Detect Data	177
559											Percent Non-Detects	77.63%
560												
561			Raw Statistics						Log-transformed Statistics			
562					Minimum Detected	0.0028					Minimum Detected	-5.878
563					Maximum Detected	28					Maximum Detected	3.332
564					Mean of Detected	2.48					Mean of Detected	-0.0199
565					SD of Detected	4.405					SD of Detected	1.614
566					Minimum Non-Detect	0.00209					Minimum Non-Detect	-6.171
567					Maximum Non-Detect	3.56					Maximum Non-Detect	1.27
568												
569	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	220
570	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	8
571	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	96.49%
572												
573						UCL Statistics						
574			Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only			
575					Lilliefors Test Statistic	0.287					Lilliefors Test Statistic	0.214
576					5% Lilliefors Critical Value	0.124					5% Lilliefors Critical Value	0.124
577			Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level			
578												
579			Assuming Normal Distribution						Assuming Lognormal Distribution			
580					DL/2 Substitution Method						DL/2 Substitution Method	
581					Mean	1.408					Mean	-0.0359
582					SD	2.159					SD	1.067
583					95% DL/2 (t) UCL	1.644					95% H-Stat (DL/2) UCL	2.057

584												
585				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
586				**MLE yields a negative mean**						Mean in Log Scale		-0.971
587										SD in Log Scale		1.198
588										Mean in Original Scale		0.872
589										SD in Original Scale		2.261
590										95% Percentile Bootstrap UCL		1.133
591										95% BCA Bootstrap UCL		1.249
592												
593				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
594				k star (bias corrected)		0.631				**Data do not follow a Discernable Distribution (0.05)**		
595				Theta Star		3.928						
596				nu star		64.4						
597												
598				A-D Test Statistic		1.256				**Nonparametric Statistics**		
599				5% A-D Critical Value		0.801				Kaplan-Meier (KM) Method		
600				K-S Test Statistic		0.801				Mean		1.057
601				5% K-S Critical Value		0.13				SD		2.261
602				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.167
603										95% KM (t) UCL		1.333
604				**Assuming Gamma Distribution**						95% KM (z) UCL		1.332
605				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.33
606				Minimum		0.0028				95% KM (bootstrap t) UCL		1.466
607				Maximum		28				95% KM (BCA) UCL		1.364
608				Mean		2.463				95% KM (Percentile Bootstrap) UCL		1.348
609				Median		2.423				95% KM (Chebyshev) UCL		1.785
610				SD		2.087				97.5% KM (Chebyshev) UCL		2.101
611				k star		2.459				99% KM (Chebyshev) UCL		2.72
612				Theta star		1.001						
613				Nu star		1121				**Potential UCLs to Use**		
614				AppChi2		1045				95% KM (Chebyshev) UCL		1.785
615				95% Gamma Approximate UCL		2.644						
616				95% Adjusted Gamma UCL		2.645						
617	**Note: DL/2 is not a recommended method.**											
618												
619												
620	**Aroclor-1260**											
621										**General Statistics**		
622				Number of Valid Data		228				Number of Detected Data		31
623				Number of Distinct Detected Data		18				Number of Non-Detect Data		197
624										Percent Non-Detects		86.40%
625												
626				**Raw Statistics**						**Log-transformed Statistics**		
627				Minimum Detected		0.031				Minimum Detected		-3.474
628				Maximum Detected		7.3				Maximum Detected		1.988
629				Mean of Detected		1.131				Mean of Detected		-0.361
630				SD of Detected		1.251				SD of Detected		1.213
631				Minimum Non-Detect		0.0017				Minimum Non-Detect		-6.377
632				Maximum Non-Detect		3.56				Maximum Non-Detect		1.27
633												
634	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		227
635	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
636	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.56%

637												
638	UCL Statistics											
639	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
640					Shapiro Wilk Test Statistic	0.527					Shapiro Wilk Test Statistic	0.773
641					5% Shapiro Wilk Critical Value	0.929					5% Shapiro Wilk Critical Value	0.929
642	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
643												
644	Assuming Normal Distribution						Assuming Lognormal Distribution					
645					DL/2 Substitution Method						DL/2 Substitution Method	
646					Mean	1.055					Mean	-0.29
647					SD	0.558					SD	1.342
648					95% DL/2 (t) UCL	1.116					95% H-Stat (DL/2) UCL	2.506
649												
650					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
651	MLE method failed to converge properly										Mean in Log Scale	-1.222
652											SD in Log Scale	0.916
653											Mean in Original Scale	0.454
654											SD in Original Scale	0.589
655											95% Percentile Bootstrap UCL	0.517
656											95% BCA Bootstrap UCL	0.555
657												
658	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
659					k star (bias corrected)	1.08	Data do not follow a Discernable Distribution (0.05)					
660					Theta Star	1.047						
661					nu star	66.96						
662												
663					A-D Test Statistic	2.564	Nonparametric Statistics					
664					5% A-D Critical Value	0.771					Kaplan-Meier (KM) Method	
665					K-S Test Statistic	0.771					Mean	0.584
666					5% K-S Critical Value	0.162					SD	0.717
667	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0848
668											95% KM (t) UCL	0.724
669	Assuming Gamma Distribution										95% KM (z) UCL	0.723
670					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.723
671					Minimum	0.031					95% KM (bootstrap t) UCL	0.727
672					Maximum	7.3					95% KM (BCA) UCL	0.731
673					Mean	1.685					95% KM (Percentile Bootstrap) UCL	0.725
674					Median	1.605					95% KM (Chebyshev) UCL	0.953
675					SD	0.99					97.5% KM (Chebyshev) UCL	1.113
676					k star	2.281					99% KM (Chebyshev) UCL	1.427
677					Theta star	0.738						
678					Nu star	1040	Potential UCLs to Use					
679					AppChi2	966.5					95% KM (BCA) UCL	0.731
680					95% Gamma Approximate UCL	1.813						
681					95% Adjusted Gamma UCL	1.814						
682	Note: DL/2 is not a recommended method.											
683												
684												
685	Aroclor-1268											
686	General Statistics											
687					Number of Valid Data	228					Number of Detected Data	60
688					Number of Distinct Detected Data	45					Number of Non-Detect Data	168
689											Percent Non-Detects	73.68%

690												
691	**Raw Statistics**						**Log-transformed Statistics**					
692					Minimum Detected	0.0086					Minimum Detected	-4.756
693					Maximum Detected	25.2					Maximum Detected	3.227
694					Mean of Detected	3.197					Mean of Detected	0.257
695					SD of Detected	4.605					SD of Detected	1.601
696					Minimum Non-Detect	0.00209					Minimum Non-Detect	-6.171
697					Maximum Non-Detect	418					Maximum Non-Detect	6.035
698												
699	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	228
700	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
701	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
702												
703	**UCL Statistics**											
704	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
705					Lilliefors Test Statistic	0.26					Lilliefors Test Statistic	0.159
706					5% Lilliefors Critical Value	0.114					5% Lilliefors Critical Value	0.114
707	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
708												
709	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
710					DL/2 Substitution Method						DL/2 Substitution Method	
711					Mean	2.59					Mean	0.128
712					SD	13.96					SD	1.076
713					95% DL/2 (t) UCL	4.117					95% H-Stat (DL/2) UCL	2.476
714												
715					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
716	**MLE method failed to converge properly**										Mean in Log Scale	-0.544
717											SD in Log Scale	1.173
718											Mean in Original Scale	1.27
719											SD in Original Scale	2.642
720											95% Percentile Bootstrap UCL	1.585
721											95% BCA Bootstrap UCL	1.667
722												
723	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
724					k star (bias corrected)	0.649	**Data do not follow a Discernable Distribution (0.05)**					
725					Theta Star	4.926						
726					nu star	77.89						
727												
728					A-D Test Statistic	1.017	**Nonparametric Statistics**					
729					5% A-D Critical Value	0.8					Kaplan-Meier (KM) Method	
730					K-S Test Statistic	0.8					Mean	1.411
731					5% K-S Critical Value	0.12					SD	2.623
732	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.188
733											95% KM (t) UCL	1.722
734	**Assuming Gamma Distribution**										95% KM (z) UCL	1.721
735					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.72
736					Minimum	0.0086					95% KM (bootstrap t) UCL	1.804
737					Maximum	25.2					95% KM (BCA) UCL	1.734
738					Mean	3.199					95% KM (Percentile Bootstrap) UCL	1.737
739					Median	3.206					95% KM (Chebyshev) UCL	2.231
740					SD	2.349					97.5% KM (Chebyshev) UCL	2.586
741					k star	2.223					99% KM (Chebyshev) UCL	3.283
742					Theta star	1.439						

743					Nu star	1014		Potential UCLs to Use				
744					AppChi2	940.9					95% KM (Chebyshev) UCL	2.231
745				95% Gamma Approximate UCL		3.447						
746				95% Adjusted Gamma UCL		3.449						
747	Note: DL/2 is not a recommended method.											
748												
749												
750	Arsenic											
751						General Statistics						
752					Number of Valid Data	12					Number of Detected Data	10
753				Number of Distinct Detected Data		9					Number of Non-Detect Data	2
754											Percent Non-Detects	16.67%
755												
756				Raw Statistics				Log-transformed Statistics				
757					Minimum Detected	0.24					Minimum Detected	-1.427
758					Maximum Detected	12.9					Maximum Detected	2.557
759					Mean of Detected	3.973					Mean of Detected	0.707
760					SD of Detected	4.25					SD of Detected	1.391
761					Minimum Non-Detect	2.2					Minimum Non-Detect	0.788
762					Maximum Non-Detect	2.3					Maximum Non-Detect	0.833
763												
764	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	6
765	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	6
766	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	50.00%
767												
768						UCL Statistics						
769				Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only				
770					Shapiro Wilk Test Statistic	0.831					Shapiro Wilk Test Statistic	0.93
771					5% Shapiro Wilk Critical Value	0.842					5% Shapiro Wilk Critical Value	0.842
772				Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level				
773												
774				Assuming Normal Distribution				Assuming Lognormal Distribution				
775					DL/2 Substitution Method						DL/2 Substitution Method	
776					Mean	3.498					Mean	0.609
777					SD	4.001					SD	1.279
778					95% DL/2 (t) UCL	5.572					95% H-Stat (DL/2) UCL	11.77
779												
780					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
781					Mean	1.949					Mean in Log Scale	0.49
782					SD	5.584					SD in Log Scale	1.356
783					95% MLE (t) UCL	4.844					Mean in Original Scale	3.403
784					95% MLE (Tiku) UCL	5.526					SD in Original Scale	4.068
785											95% Percentile Bootstrap UCL	5.472
786											95% BCA Bootstrap UCL	5.753
787												
788				Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only				
789					k star (bias corrected)	0.677		Data appear Gamma Distributed at 5% Significance Level				
790					Theta Star	5.865						
791					nu star	13.55						
792												
793					A-D Test Statistic	0.216		Nonparametric Statistics				
794					5% A-D Critical Value	0.753					Kaplan-Meier (KM) Method	
795					K-S Test Statistic	0.753					Mean	3.42

796				5% K-S Critical Value	0.275					SD	3.887
797	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	1.185
798										95% KM (t) UCL	5.548
799	Assuming Gamma Distribution									95% KM (z) UCL	5.369
800	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	5.531
801				Minimum	0.24					95% KM (bootstrap t) UCL	8.075
802				Maximum	12.9					95% KM (BCA) UCL	5.574
803				Mean	3.496					95% KM (Percentile Bootstrap) UCL	5.469
804				Median	1.91					95% KM (Chebyshev) UCL	8.584
805				SD	4.002					97.5% KM (Chebyshev) UCL	10.82
806				k star	0.735					99% KM (Chebyshev) UCL	15.21
807				Theta star	4.757						
808				Nu star	17.64					Potential UCLs to Use	
809				AppChi2	9.131					95% KM (Chebyshev) UCL	8.584
810				95% Gamma Approximate UCL	6.754						
811				95% Adjusted Gamma UCL	7.51						
812	Note: DL/2 is not a recommended method.										
813											
814											
815	Benzene										
816				Number of Valid Data	118					Number of Detected Data	18
817				Number of Distinct Detected Data	7					Number of Non-Detect Data	100
818										Percent Non-Detects	84.75%
819											
820	Raw Statistics									Log-transformed Statistics	
821				Minimum Detected	0.001					Minimum Detected	-6.908
822				Maximum Detected	1.21					Maximum Detected	0.191
823				Mean of Detected	0.0981					Mean of Detected	-3.549
824				SD of Detected	0.279					SD of Detected	1.391
825				Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
826				Maximum Non-Detect	11					Maximum Non-Detect	2.398
827											
828	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	118
829	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0
830	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%
831											
832	UCL Statistics										
833	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only	
834				Shapiro Wilk Test Statistic	0.307					Shapiro Wilk Test Statistic	0.693
835				5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
836	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level	
837											
838	Assuming Normal Distribution									Assuming Lognormal Distribution	
839				DL/2 Substitution Method						DL/2 Substitution Method	
840				Mean	0.143					Mean	-3.764
841				SD	0.588					SD	1.606
842				95% DL/2 (t) UCL	0.233					95% H-Stat (DL/2) UCL	0.179
843											
844				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
845	MLE method failed to converge properly									Mean in Log Scale	-5.122
846										SD in Log Scale	1.478
847										Mean in Original Scale	0.0239
848										SD in Original Scale	0.112

849											95% Percentile Bootstrap UCL	0.0438
850											95% BCA Bootstrap UCL	0.0576
851												
852			Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only	
853					k star (bias corrected)	0.466					Data do not follow a Discernable Distribution (0.05)	
854					Theta Star	0.21						
855					nu star	16.79						
856												
857					A-D Test Statistic	3.807					Nonparametric Statistics	
858					5% A-D Critical Value	0.799					Kaplan-Meier (KM) Method	
859					K-S Test Statistic	0.799					Mean	0.0236
860					5% K-S Critical Value	0.215					SD	0.114
861			Data not Gamma Distributed at 5% Significance Level								SE of Mean	0.0112
862											95% KM (t) UCL	0.0422
863			Assuming Gamma Distribution								95% KM (z) UCL	0.042
864					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.041
865					Minimum	1E-09					95% KM (bootstrap t) UCL	0.0879
866					Maximum	1.21					95% KM (BCA) UCL	0.0613
867					Mean	0.0666					95% KM (Percentile Bootstrap) UCL	0.0489
868					Median	0.0354					95% KM (Chebyshev) UCL	0.0725
869					SD	0.117					97.5% KM (Chebyshev) UCL	0.0937
870					k star	0.165					99% KM (Chebyshev) UCL	0.135
871					Theta star	0.404						
872					Nu star	38.88					Potential UCLs to Use	
873					AppChi2	25.6					95% KM (BCA) UCL	0.0613
874					95% Gamma Approximate UCL	0.101						
875					95% Adjusted Gamma UCL	0.102						
876	Note: DL/2 is not a recommended method.											
877												
878												
879	Benzo(a)anthracene											
880						General Statistics						
881					Number of Valid Data	126					Number of Detected Data	41
882					Number of Distinct Detected Data	31					Number of Non-Detect Data	85
883											Percent Non-Detects	67.46%
884												
885					Raw Statistics						Log-transformed Statistics	
886					Minimum Detected	0.00068					Minimum Detected	-7.293
887					Maximum Detected	6.4					Maximum Detected	1.856
888					Mean of Detected	0.687					Mean of Detected	-1.478
889					SD of Detected	1.164					SD of Detected	1.808
890					Minimum Non-Detect	0.00048					Minimum Non-Detect	-7.642
891					Maximum Non-Detect	5.53					Maximum Non-Detect	1.71
892												
893	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	125
894	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
895	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.21%
896												
897						UCL Statistics						
898			Normal Distribution Test with Detected Values Only								Lognormal Distribution Test with Detected Values Only	
899					Shapiro Wilk Test Statistic	0.582					Shapiro Wilk Test Statistic	0.921
900					5% Shapiro Wilk Critical Value	0.941					5% Shapiro Wilk Critical Value	0.941
901			Data not Normal at 5% Significance Level								Data not Lognormal at 5% Significance Level	

902												
903	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
904				DL/2 Substitution Method						DL/2 Substitution Method		
905				Mean	0.36					Mean		-1.69
906				SD	0.734					SD		1.216
907				95% DL/2 (t) UCL	0.469					95% H-Stat (DL/2) UCL		0.541
908												
909				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
910	**MLE method failed to converge properly**									Mean in Log Scale		-2.345
911										SD in Log Scale		1.483
912										Mean in Original Scale		0.292
913										SD in Original Scale		0.718
914										95% Percentile Bootstrap UCL		0.406
915										95% BCA Bootstrap UCL		0.451
916												
917	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
918				k star (bias corrected)	0.541		**Data do not follow a Discernable Distribution (0.05)**					
919				Theta Star	1.27							
920				nu star	44.33							
921												
922				A-D Test Statistic	0.961		**Nonparametric Statistics**					
923				5% A-D Critical Value	0.807					Kaplan-Meier (KM) Method		
924				K-S Test Statistic	0.807					Mean		0.303
925				5% K-S Critical Value	0.145					SD		0.712
926	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean		0.0653
927										95% KM (t) UCL		0.411
928	**Assuming Gamma Distribution**									95% KM (z) UCL		0.41
929				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.41
930				Minimum	0.00068					95% KM (bootstrap t) UCL		0.482
931				Maximum	6.4					95% KM (BCA) UCL		0.418
932				Mean	0.678					95% KM (Percentile Bootstrap) UCL		0.416
933				Median	0.66					95% KM (Chebyshev) UCL		0.588
934				SD	0.667					97.5% KM (Chebyshev) UCL		0.711
935				k star	1.455					99% KM (Chebyshev) UCL		0.952
936				Theta star	0.466							
937				Nu star	366.8		**Potential UCLs to Use**					
938				AppChi2	323.4					95% KM (Chebyshev) UCL		0.588
939				95% Gamma Approximate UCL	0.769							
940				95% Adjusted Gamma UCL	0.77							
941	**Note: DL/2 is not a recommended method.**											
942												
943												
944	**Benzo(a)pyrene**											
945							**General Statistics**					
946				Number of Valid Data	126					Number of Detected Data		37
947				Number of Distinct Detected Data	25					Number of Non-Detect Data		89
948										Percent Non-Detects		70.63%
949												
950	**Raw Statistics**						**Log-transformed Statistics**					
951				Minimum Detected	0.00032					Minimum Detected		-8.047
952				Maximum Detected	1.7					Maximum Detected		0.531
953				Mean of Detected	0.323					Mean of Detected		-1.931
954				SD of Detected	0.416					SD of Detected		1.644

	A	B	C	D	E	F	G	H	I	J	K	L
955					Minimum Non-Detect	0.00014					Minimum Non-Detect	-8.874
956					Maximum Non-Detect	5.53					Maximum Non-Detect	1.71
957												
958	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	126
959	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
960	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
961												
962	UCL Statistics											
963	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
964					Shapiro Wilk Test Statistic	0.669					Shapiro Wilk Test Statistic	0.831
965					5% Shapiro Wilk Critical Value	0.936					5% Shapiro Wilk Critical Value	0.936
966	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
967												
968	Assuming Normal Distribution						Assuming Lognormal Distribution					
969					DL/2 Substitution Method						DL/2 Substitution Method	
970					Mean	0.249					Mean	-1.822
971					SD	0.349					SD	1.173
972					95% DL/2 (t) UCL	0.301					95% H-Stat (DL/2) UCL	0.469
973												
974					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
975	MLE method failed to converge properly										Mean in Log Scale	-2.433
976											SD in Log Scale	1.229
977											Mean in Original Scale	0.169
978											SD in Original Scale	0.256
979											95% Percentile Bootstrap UCL	0.209
980											95% BCA Bootstrap UCL	0.216
981												
982	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
983					k star (bias corrected)	0.705	Data do not follow a Discernable Distribution (0.05)					
984					Theta Star	0.459						
985					nu star	52.13						
986												
987					A-D Test Statistic	1.568	Nonparametric Statistics					
988					5% A-D Critical Value	0.789					Kaplan-Meier (KM) Method	
989					K-S Test Statistic	0.789					Mean	0.182
990					5% K-S Critical Value	0.151					SD	0.249
991	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.025
992											95% KM (t) UCL	0.223
993	Assuming Gamma Distribution										95% KM (z) UCL	0.223
994					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.223
995					Minimum	0.00032					95% KM (bootstrap t) UCL	0.236
996					Maximum	1.7					95% KM (BCA) UCL	0.222
997					Mean	0.324					95% KM (Percentile Bootstrap) UCL	0.225
998					Median	0.313					95% KM (Chebyshev) UCL	0.291
999					SD	0.225					97.5% KM (Chebyshev) UCL	0.338
1000					k star	2.203					99% KM (Chebyshev) UCL	0.43
1001					Theta star	0.147						
1002					Nu star	555.1	Potential UCLs to Use					
1003					AppChi2	501.4					95% KM (Chebyshev) UCL	0.291
1004					95% Gamma Approximate UCL	0.359						
1005					95% Adjusted Gamma UCL	0.359						
1006	Note: DL/2 is not a recommended method.											
1007												

	A	B	C	D	E	F	G	H	I	J	K	L
1008												
1009	Benzo(b)fluoranthene											
1010					General Statistics							
1011					Number of Valid Data	126				Number of Detected Data		43
1012					Number of Distinct Detected Data	30				Number of Non-Detect Data		83
1013										Percent Non-Detects		65.87%
1014												
1015					Raw Statistics					Log-transformed Statistics		
1016					Minimum Detected	0.00079				Minimum Detected		-7.143
1017					Maximum Detected	3.6				Maximum Detected		1.281
1018					Mean of Detected	0.548				Mean of Detected		-1.456
1019					SD of Detected	0.778				SD of Detected		1.575
1020					Minimum Non-Detect	0.00025				Minimum Non-Detect		-8.294
1021					Maximum Non-Detect	5.53				Maximum Non-Detect		1.71
1022												
1023	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		126
1024	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
1025	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
1026												
1027					UCL Statistics							
1028					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
1029					Shapiro Wilk Test Statistic	0.651				Shapiro Wilk Test Statistic		0.887
1030					5% Shapiro Wilk Critical Value	0.943				5% Shapiro Wilk Critical Value		0.943
1031					Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level		
1032												
1033					Assuming Normal Distribution					Assuming Lognormal Distribution		
1034					DL/2 Substitution Method					DL/2 Substitution Method		
1035					Mean	0.333				Mean		-1.666
1036					SD	0.545				SD		1.175
1037					95% DL/2 (t) UCL	0.413				95% H-Stat (DL/2) UCL		0.526
1038												
1039					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1040					MLE method failed to converge properly					Mean in Log Scale		-2.12
1041										SD in Log Scale		1.268
1042										Mean in Original Scale		0.266
1043										SD in Original Scale		0.501
1044										95% Percentile Bootstrap UCL		0.346
1045										95% BCA Bootstrap UCL		0.358
1046												
1047					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
1048					k star (bias corrected)	0.673				Data do not follow a Discernable Distribution (0.05)		
1049					Theta Star	0.814						
1050					nu star	57.86						
1051												
1052					A-D Test Statistic	1.573				Nonparametric Statistics		
1053					5% A-D Critical Value	0.794				Kaplan-Meier (KM) Method		
1054					K-S Test Statistic	0.794				Mean		0.282
1055					5% K-S Critical Value	0.141				SD		0.496
1056					Data not Gamma Distributed at 5% Significance Level					SE of Mean		0.0464
1057										95% KM (t) UCL		0.359
1058					Assuming Gamma Distribution					95% KM (z) UCL		0.358
1059					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.358
1060					Minimum	0.00079				95% KM (bootstrap t) UCL		0.396

1061					Maximum	3.6					95% KM (BCA) UCL	0.363
1062					Mean	0.542					95% KM (Percentile Bootstrap) UCL	0.359
1063					Median	0.529					95% KM (Chebyshev) UCL	0.484
1064					SD	0.454					97.5% KM (Chebyshev) UCL	0.571
1065					k star	1.803					99% KM (Chebyshev) UCL	0.743
1066					Theta star	0.301						
1067					Nu star	454.4					**Potential UCLs to Use**	
1068					AppChi2	406					95% KM (Chebyshev) UCL	0.484
1069					95% Gamma Approximate UCL	0.607						
1070					95% Adjusted Gamma UCL	0.608						
1071	**Note: DL/2 is not a recommended method.**											
1072												
1073												
1074	**Benzo(k)fluoranthene**											
1075						**General Statistics**						
1076					Number of Valid Data	126					Number of Detected Data	37
1077					Number of Distinct Detected Data	24					Number of Non-Detect Data	89
1078											Percent Non-Detects	70.63%
1079												
1080					**Raw Statistics**						**Log-transformed Statistics**	
1081					Minimum Detected	0.00028					Minimum Detected	-8.181
1082					Maximum Detected	1.645					Maximum Detected	0.498
1083					Mean of Detected	0.276					Mean of Detected	-2.002
1084					SD of Detected	0.318					SD of Detected	1.674
1085					Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
1086					Maximum Non-Detect	5.53					Maximum Non-Detect	1.71
1087												
1088	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	126
1089	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1090	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1091												
1092						**UCL Statistics**						
1093					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
1094					Shapiro Wilk Test Statistic	0.699					Shapiro Wilk Test Statistic	0.792
1095					5% Shapiro Wilk Critical Value	0.936					5% Shapiro Wilk Critical Value	0.936
1096					**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**	
1097												
1098					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
1099					DL/2 Substitution Method						DL/2 Substitution Method	
1100					Mean	0.237					Mean	-1.835
1101					SD	0.315					SD	1.186
1102					95% DL/2 (t) UCL	0.284					95% H-Stat (DL/2) UCL	0.482
1103												
1104					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1105					**MLE method failed to converge properly**						Mean in Log Scale	-2.534
1106											SD in Log Scale	1.225
1107											Mean in Original Scale	0.145
1108											SD in Original Scale	0.2
1109											95% Percentile Bootstrap UCL	0.177
1110											95% BCA Bootstrap UCL	0.186
1111												
1112					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
1113					k star (bias corrected)	0.779					**Data do not follow a Discernable Distribution (0.05)**	

1114					Theta Star	0.354						
1115					nu star	57.66						
1116												
1117					A-D Test Statistic	1.269				Nonparametric Statistics		
1118					5% A-D Critical Value	0.785				Kaplan-Meier (KM) Method		
1119					K-S Test Statistic	0.785				Mean		0.17
1120					5% K-S Critical Value	0.15				SD		0.195
1121				Data not Gamma Distributed at 5% Significance Level						SE of Mean		0.021
1122										95% KM (t) UCL		0.205
1123				Assuming Gamma Distribution						95% KM (z) UCL		0.204
1124				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.205
1125					Minimum	0.00028				95% KM (bootstrap t) UCL		0.211
1126					Maximum	1.645				95% KM (BCA) UCL		0.204
1127					Mean	0.276				95% KM (Percentile Bootstrap) UCL		0.206
1128					Median	0.26				95% KM (Chebyshev) UCL		0.261
1129					SD	0.183				97.5% KM (Chebyshev) UCL		0.301
1130					k star	2.187				99% KM (Chebyshev) UCL		0.379
1131					Theta star	0.126						
1132					Nu star	551				Potential UCLs to Use		
1133					AppChi2	497.6				95% KM (Chebyshev) UCL		0.261
1134					95% Gamma Approximate UCL	0.306						
1135					95% Adjusted Gamma UCL	0.306						
1136	Note: DL/2 is not a recommended method.											
1137												
1138												
1139	bis(2-Chloroethyl) ether											
1140						General Statistics						
1141					Number of Valid Data	22				Number of Detected Data		0
1142					Number of Distinct Detected Data	0				Number of Non-Detect Data		22
1143										Percent Non-Detects		100.00%
1144												
1145	Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!											
1146	Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!											
1147	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
1148												
1149	The data set for variable bis(2-Chloroethyl) ether was not processed!											
1150												
1151												
1152	Carbazole											
1153						General Statistics						
1154					Number of Valid Data	21				Number of Detected Data		4
1155					Number of Distinct Detected Data	4				Number of Non-Detect Data		17
1156										Percent Non-Detects		80.95%
1157												
1158				Raw Statistics						Log-transformed Statistics		
1159					Minimum Detected	0.022				Minimum Detected		-3.817
1160					Maximum Detected	0.047				Maximum Detected		-3.058
1161					Mean of Detected	0.0378				Mean of Detected		-3.317
1162					SD of Detected	0.0111				SD of Detected		0.345
1163					Minimum Non-Detect	0.36				Minimum Non-Detect		-1.022
1164					Maximum Non-Detect	0.73				Maximum Non-Detect		-0.315
1165												
1166	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		21

1167	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1168	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1169												
1170	Warning: There are only 4 Distinct Detected Values in this data											
1171	Note: It should be noted that even though bootstrap may be performed on this data set											
1172	the resulting calculations may not be reliable enough to draw conclusions											
1173												
1174	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
1175												
1176												
1177	UCL Statistics											
1178	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1179	Shapiro Wilk Test Statistic				0.887		Shapiro Wilk Test Statistic				0.837	
1180	5% Shapiro Wilk Critical Value				0.748		5% Shapiro Wilk Critical Value				0.748	
1181	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1182												
1183	Assuming Normal Distribution						Assuming Lognormal Distribution					
1184	DL/2 Substitution Method						DL/2 Substitution Method					
1185	Mean				0.174		Mean				-1.921	
1186	SD				0.0779		SD				0.721	
1187	95% DL/2 (t) UCL				0.204		95% H-Stat (DL/2) UCL				0.529	
1188												
1189	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
1190	MLE method failed to converge properly						Mean in Log Scale				-3.317	
1191							SD in Log Scale				0.247	
1192							Mean in Original Scale				0.0373	
1193							SD in Original Scale				0.00897	
1194							95% Percentile Bootstrap UCL				0.0406	
1195							95% BCA Bootstrap UCL				0.0405	
1196												
1197	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1198	k star (bias corrected)				3.314		Data appear Normal at 5% Significance Level					
1199	Theta Star				0.0114							
1200	nu star				26.51							
1201												
1202	A-D Test Statistic				0.454		Nonparametric Statistics					
1203	5% A-D Critical Value				0.657		Kaplan-Meier (KM) Method					
1204	K-S Test Statistic				0.657		Mean				0.0378	
1205	5% K-S Critical Value				0.395		SD				0.00965	
1206	Data appear Gamma Distributed at 5% Significance Level						SE of Mean				0.00557	
1207							95% KM (t) UCL				0.0474	
1208	Assuming Gamma Distribution						95% KM (z) UCL				0.0469	
1209	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL				0.0486	
1210	Minimum				0.0183		95% KM (bootstrap t) UCL				0.0466	
1211	Maximum				0.0515		95% KM (BCA) UCL				0.046	
1212	Mean				0.0381		95% KM (Percentile Bootstrap) UCL				0.0463	
1213	Median				0.039		95% KM (Chebyshev) UCL				0.062	
1214	SD				0.00833		97.5% KM (Chebyshev) UCL				0.0726	
1215	k star				15.65		99% KM (Chebyshev) UCL				0.0932	
1216	Theta star				0.00243							
1217	Nu star				657.2		Potential UCLs to Use					
1218	AppChi2				598.7		95% KM (t) UCL				0.0474	
1219	95% Gamma Approximate UCL				0.0418		95% KM (Percentile Bootstrap) UCL				0.0463	

1220				95% Adjusted Gamma UCL		N/A						
1221	Warning: Recommended UCL exceeds the maximum observation											
1222	Note: DL/2 is not a recommended method.											
1223												
1224												
1225	Chromium											
1226	General Statistics											
1227				Number of Valid Data		12				Number of Detected Data		11
1228				Number of Distinct Detected Data		11				Number of Non-Detect Data		1
1229										Percent Non-Detects		8.33%
1230												
1231	Raw Statistics						Log-transformed Statistics					
1232				Minimum Detected		2.21				Minimum Detected		0.793
1233				Maximum Detected		11.5				Maximum Detected		2.442
1234				Mean of Detected		6.178				Mean of Detected		1.681
1235				SD of Detected		3.377				SD of Detected		0.562
1236				Minimum Non-Detect		2.7				Minimum Non-Detect		0.993
1237				Maximum Non-Detect		2.7				Maximum Non-Detect		0.993
1238												
1239												
1240	UCL Statistics											
1241	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1242				Shapiro Wilk Test Statistic		0.872				Shapiro Wilk Test Statistic		0.927
1243				5% Shapiro Wilk Critical Value		0.85				5% Shapiro Wilk Critical Value		0.85
1244	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1245												
1246	Assuming Normal Distribution						Assuming Lognormal Distribution					
1247				DL/2 Substitution Method						DL/2 Substitution Method		
1248				Mean		5.776				Mean		1.566
1249				SD		3.509				SD		0.668
1250				95% DL/2 (t) UCL		7.595				95% H-Stat (DL/2) UCL		9.332
1251												
1252				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
1253				Mean		5.579				Mean in Log Scale		1.597
1254				SD		3.679				SD in Log Scale		0.609
1255				95% MLE (t) UCL		7.486				Mean in Original Scale		5.827
1256				95% MLE (Tiku) UCL		7.493				SD in Original Scale		3.442
1257										95% Percentile Bootstrap UCL		7.404
1258										95% BCA Bootstrap UCL		7.551
1259												
1260	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1261				k star (bias corrected)		2.77	Data appear Normal at 5% Significance Level					
1262				Theta Star		2.23						
1263				nu star		60.94						
1264												
1265				A-D Test Statistic		0.454	Nonparametric Statistics					
1266				5% A-D Critical Value		0.733				Kaplan-Meier (KM) Method		
1267				K-S Test Statistic		0.733				Mean		5.848
1268				5% K-S Critical Value		0.257				SD		3.272
1269	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.991
1270										95% KM (t) UCL		7.627
1271	Assuming Gamma Distribution									95% KM (z) UCL		7.477
1272				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		7.592

1273					Minimum	1.261				95% KM (bootstrap t) UCL		7.907
1274					Maximum	11.5				95% KM (BCA) UCL		7.722
1275					Mean	5.768				95% KM (Percentile Bootstrap) UCL		7.474
1276					Median	5.05				95% KM (Chebyshev) UCL		10.17
1277					SD	3.519				97.5% KM (Chebyshev) UCL		12.03
1278					k star	2.122				99% KM (Chebyshev) UCL		15.71
1279					Theta star	2.718						
1280					Nu star	50.93				**Potential UCLs to Use**		
1281					AppChi2	35.54				95% KM (t) UCL		7.627
1282					95% Gamma Approximate UCL	8.266				95% KM (Percentile Bootstrap) UCL		7.474
1283					95% Adjusted Gamma UCL	8.747						
1284	**Note: DL/2 is not a recommended method.**											
1285												
1286												
1287	**Dibenzo(a,h)anthracene**											
1288						**General Statistics**						
1289					Number of Valid Data	127				Number of Detected Data		24
1290					Number of Distinct Detected Data	13				Number of Non-Detect Data		103
1291										Percent Non-Detects		81.10%
1292												
1293					**Raw Statistics**					**Log-transformed Statistics**		
1294					Minimum Detected	0.0006				Minimum Detected		-7.419
1295					Maximum Detected	2.7				Maximum Detected		0.993
1296					Mean of Detected	0.341				Mean of Detected		-1.885
1297					SD of Detected	0.594				SD of Detected		1.545
1298					Minimum Non-Detect	0.00028				Minimum Non-Detect		-8.181
1299					Maximum Non-Detect	45				Maximum Non-Detect		3.807
1300												
1301	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		127
1302	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
1303	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
1304												
1305						**UCL Statistics**							
1306					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
1307					Shapiro Wilk Test Statistic	0.45				Shapiro Wilk Test Statistic		0.715
1308					5% Shapiro Wilk Critical Value	0.916				5% Shapiro Wilk Critical Value		0.916
1309					**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**		
1310												
1311					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
1312					DL/2 Substitution Method					DL/2 Substitution Method		
1313					Mean	0.414				Mean		-1.792
1314					SD	2.01				SD		1.241
1315					95% DL/2 (t) UCL	0.71				95% H-Stat (DL/2) UCL		0.513
1316												
1317					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1318					**MLE method failed to converge properly**					Mean in Log Scale		-2.364
1319										SD in Log Scale		1.026
1320										Mean in Original Scale		0.158
1321										SD in Original Scale		0.282
1322										95% Percentile Bootstrap UCL		0.204
1323										95% BCA Bootstrap UCL		0.219
1324												
1325					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		

1326				k star (bias corrected)	0.676	Data do not follow a Discernable Distribution (0.05)						
1327				Theta Star	0.504							
1328				nu star	32.47							
1329												
1330				A-D Test Statistic	2.957	Nonparametric Statistics						
1331				5% A-D Critical Value	0.783	Kaplan-Meier (KM) Method						
1332				K-S Test Statistic	0.783	Mean	0.172					
1333				5% K-S Critical Value	0.185	SD	0.276					
1334	Data not Gamma Distributed at 5% Significance Level					SE of Mean	0.0286					
1335						95% KM (t) UCL	0.22					
1336	Assuming Gamma Distribution					95% KM (z) UCL	0.219					
1337	Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.219					
1338				Minimum	0.0006	95% KM (bootstrap t) UCL	0.243					
1339				Maximum	2.7	95% KM (BCA) UCL	0.229					
1340				Mean	0.341	95% KM (Percentile Bootstrap) UCL	0.222					
1341				Median	0.339	95% KM (Chebyshev) UCL	0.297					
1342				SD	0.254	97.5% KM (Chebyshev) UCL	0.351					
1343				k star	3.35	99% KM (Chebyshev) UCL	0.457					
1344				Theta star	0.102							
1345				Nu star	851	Potential UCLs to Use						
1346				AppChi2	784.3	95% KM (Chebyshev) UCL	0.297					
1347				95% Gamma Approximate UCL	0.37							
1348				95% Adjusted Gamma UCL	0.37							
1349	Note: DL/2 is not a recommended method.											
1350												
1351	Dibromochloromethane											
1352	General Statistics											
1353				Number of Valid Data	118	Number of Detected Data	16					
1354				Number of Distinct Detected Data	4	Number of Non-Detect Data	102					
1355						Percent Non-Detects	86.44%					
1356												
1357	Raw Statistics					Log-transformed Statistics						
1358				Minimum Detected	0.0275	Minimum Detected	-3.594					
1359				Maximum Detected	4.8	Maximum Detected	1.569					
1360				Mean of Detected	0.328	Mean of Detected	-3.208					
1361				SD of Detected	1.193	SD of Detected	1.274					
1362				Minimum Non-Detect	0.00017	Minimum Non-Detect	-8.68					
1363				Maximum Non-Detect	11	Maximum Non-Detect	2.398					
1364												
1365	Note: Data have multiple DLs - Use of KM Method is recommended					Number treated as Non-Detect	118					
1366	For all methods (except KM, DL/2, and ROS Methods),					Number treated as Detected	0					
1367	Observations < Largest ND are treated as NDs					Single DL Non-Detect Percentage	100.00%					
1368												
1369	Warning: There are only 4 Distinct Detected Values in this data											
1370	Note: It should be noted that even though bootstrap may be performed on this data set											
1371	the resulting calculations may not be reliable enough to draw conclusions											
1372												
1373	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
1374												
1375												
1376	UCL Statistics											
1377	Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only						
1378				Shapiro Wilk Test Statistic	0.273	Shapiro Wilk Test Statistic	0.292					

1379				5% Shapiro Wilk Critical Value	0.887					5% Shapiro Wilk Critical Value	0.887
1380	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1381												
1382	Assuming Normal Distribution						Assuming Lognormal Distribution					
1383				DL/2 Substitution Method						DL/2 Substitution Method		
1384				Mean	0.161					Mean	-3.775	
1385				SD	0.712					SD	1.551	
1386				95% DL/2 (t) UCL	0.27					95% H-Stat (DL/2) UCL	0.146	
1387												
1388				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1389	MLE method failed to converge properly									Mean in Log Scale	-4.724	
1390										SD in Log Scale	1.354	
1391										Mean in Original Scale	0.0572	
1392										SD in Original Scale	0.441	
1393										95% Percentile Bootstrap UCL	0.137	
1394										95% BCA Bootstrap UCL	0.217	
1395												
1396	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1397				k star (bias corrected)	0.306		Data do not follow a Discernable Distribution (0.05)					
1398				Theta Star	1.071							
1399				nu star	9.792							
1400												
1401				A-D Test Statistic	5.932		Nonparametric Statistics					
1402				5% A-D Critical Value	0.833					Kaplan-Meier (KM) Method		
1403				K-S Test Statistic	0.833					Mean	0.069	
1404				5% K-S Critical Value	0.232					SD	0.439	
1405	Data not Gamma Distributed at 5% Significance Level									SE of Mean	0.0419	
1406										95% KM (t) UCL	0.139	
1407	Assuming Gamma Distribution									95% KM (z) UCL	0.138	
1408				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.137	
1409				Minimum	1E-09					95% KM (bootstrap t) UCL	10.7	
1410				Maximum	4.8					95% KM (BCA) UCL	0.152	
1411				Mean	0.213					95% KM (Percentile Bootstrap) UCL	0.151	
1412				Median	0.03					95% KM (Chebyshev) UCL	0.252	
1413				SD	0.475					97.5% KM (Chebyshev) UCL	0.331	
1414				k star	0.101					99% KM (Chebyshev) UCL	0.486	
1415				Theta star	2.108							
1416				Nu star	23.9		Potential UCLs to Use					
1417				AppChi2	13.77					95% KM (BCA) UCL	0.152	
1418				95% Gamma Approximate UCL	0.37							
1419				95% Adjusted Gamma UCL	0.373							
1420	Note: DL/2 is not a recommended method.											
1421												
1422												
1423	Dichloromethane (Methylene chloride)											
1424							General Statistics					
1425				Number of Valid Data	118					Number of Detected Data	30	
1426				Number of Distinct Detected Data	17					Number of Non-Detect Data	88	
1427										Percent Non-Detects	74.58%	
1428												
1429	Raw Statistics						Log-transformed Statistics					
1430				Minimum Detected	0.00033					Minimum Detected	-8.016	
1431				Maximum Detected	3.17					Maximum Detected	1.154	

	A	B	C	D	E	F	G	H	I	J	K	L
1432					Mean of Detected	0.234					Mean of Detected	-3.88
1433					SD of Detected	0.713					SD of Detected	1.991
1434					Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
1435					Maximum Non-Detect	11					Maximum Non-Detect	2.398
1436												
1437	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	118
1438	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1439	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1440												
1441	**UCL Statistics**											
1442	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1443					Shapiro Wilk Test Statistic	0.361					Shapiro Wilk Test Statistic	0.875
1444					5% Shapiro Wilk Critical Value	0.927					5% Shapiro Wilk Critical Value	0.927
1445	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1446												
1447	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1448					DL/2 Substitution Method						DL/2 Substitution Method	
1449					Mean	0.188					Mean	-3.641
1450					SD	0.677					SD	1.683
1451					95% DL/2 (t) UCL	0.291					95% H-Stat (DL/2) UCL	0.274
1452												
1453					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1454	**MLE method failed to converge properly**										Mean in Log Scale	-4.851
1455											SD in Log Scale	1.85
1456											Mean in Original Scale	0.074
1457											SD in Original Scale	0.369
1458											95% Percentile Bootstrap UCL	0.137
1459											95% BCA Bootstrap UCL	0.171
1460												
1461	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1462					k star (bias corrected)	0.28	**Data do not follow a Discernable Distribution (0.05)**					
1463					Theta Star	0.836						
1464					nu star	16.79						
1465												
1466					A-D Test Statistic	4.601	**Nonparametric Statistics**					
1467					5% A-D Critical Value	0.86					Kaplan-Meier (KM) Method	
1468					K-S Test Statistic	0.86					Mean	0.0722
1469					5% K-S Critical Value	0.174					SD	0.372
1470	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.0354
1471											95% KM (t) UCL	0.131
1472	**Assuming Gamma Distribution**										95% KM (z) UCL	0.13
1473	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.13
1474					Minimum	1E-09					95% KM (bootstrap t) UCL	0.275
1475					Maximum	3.17					95% KM (BCA) UCL	0.134
1476					Mean	0.434					95% KM (Percentile Bootstrap) UCL	0.135
1477					Median	0.03					95% KM (Chebyshev) UCL	0.227
1478					SD	0.779					97.5% KM (Chebyshev) UCL	0.293
1479					k star	0.111					99% KM (Chebyshev) UCL	0.425
1480					Theta star	3.926						
1481					Nu star	26.09	**Potential UCLs to Use**					
1482					AppChi2	15.45					95% KM (Chebyshev) UCL	0.227
1483					95% Gamma Approximate UCL	0.733						
1484					95% Adjusted Gamma UCL	0.738						

	A	B	C	D	E	F	G	H	I	J	K	L
1485	Note: DL/2 is not a recommended method.											
1486												
1487												
1488	Ethyl benzene											
1489						General Statistics						
1490					Number of Valid Data	118			Number of Detected Data			23
1491					Number of Distinct Detected Data	17			Number of Non-Detect Data			95
1492									Percent Non-Detects			80.51%
1493												
1494					Raw Statistics				Log-transformed Statistics			
1495					Minimum Detected	0.008			Minimum Detected			-4.828
1496					Maximum Detected	39			Maximum Detected			3.664
1497					Mean of Detected	4.813			Mean of Detected			-1.407
1498					SD of Detected	10.5			SD of Detected			2.674
1499					Minimum Non-Detect	0.00004			Minimum Non-Detect			-10.13
1500					Maximum Non-Detect	11			Maximum Non-Detect			2.398
1501												
1502	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			114
1503	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			4
1504	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			96.61%
1505												
1506						UCL Statistics						
1507					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
1508					Shapiro Wilk Test Statistic	0.534			Shapiro Wilk Test Statistic			0.848
1509					5% Shapiro Wilk Critical Value	0.914			5% Shapiro Wilk Critical Value			0.914
1510					Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level			
1511												
1512					Assuming Normal Distribution				Assuming Lognormal Distribution			
1513					DL/2 Substitution Method				DL/2 Substitution Method			
1514					Mean	1.053			Mean			-3.431
1515					SD	4.949			SD			2.223
1516					95% DL/2 (t) UCL	1.809			95% H-Stat (DL/2) UCL			0.99
1517												
1518					Maximum Likelihood Estimate(MLE) Method				Log ROS Method			
1519					Mean	28.52			Mean in Log Scale			-6.613
1520					SD	9.716			SD in Log Scale			3.855
1521					95% MLE (t) UCL	30			Mean in Original Scale			0.944
1522					95% MLE (Tiku) UCL	36.45			SD in Original Scale			4.937
1523									95% Percentile Bootstrap UCL			1.731
1524									95% BCA Bootstrap UCL			2.015
1525												
1526					Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only			
1527					k star (bias corrected)	0.238			Data do not follow a Discernable Distribution (0.05)			
1528					Theta Star	20.24						
1529					nu star	10.94						
1530												
1531					A-D Test Statistic	2.358			Nonparametric Statistics			
1532					5% A-D Critical Value	0.876			Kaplan-Meier (KM) Method			
1533					K-S Test Statistic	0.876			Mean			0.95
1534					5% K-S Critical Value	0.2			SD			4.915
1535					Data not Gamma Distributed at 5% Significance Level				SE of Mean			0.463
1536									95% KM (t) UCL			1.717
1537					Assuming Gamma Distribution				95% KM (z) UCL			1.711

1538	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		1.691
1539					Minimum	0.008				95% KM (bootstrap t) UCL		2.702
1540					Maximum	64.77				95% KM (BCA) UCL		1.822
1541					Mean	10.47				95% KM (Percentile Bootstrap) UCL		1.773
1542					Median	3.914				95% KM (Chebyshev) UCL		2.967
1543					SD	14.09				97.5% KM (Chebyshev) UCL		3.839
1544					k star	0.57				99% KM (Chebyshev) UCL		5.553
1545					Theta star	18.35						
1546					Nu star	134.6				**Potential UCLs to Use**		
1547					AppChi2	108.8				97.5% KM (Chebyshev) UCL		3.839
1548					95% Gamma Approximate UCL	12.95						
1549					95% Adjusted Gamma UCL	12.98						
1550	**Note: DL/2 is not a recommended method.**											
1551												
1552												
1553	**Indeno(1,2,3-cd)pyrene**											
1554						**General Statistics**						
1555					Number of Valid Data	126				Number of Detected Data		33
1556					Number of Distinct Detected Data	23				Number of Non-Detect Data		93
1557										Percent Non-Detects		73.81%
1558												
1559				**Raw Statistics**						**Log-transformed Statistics**		
1560					Minimum Detected	0.00026				Minimum Detected		-8.255
1561					Maximum Detected	2.2				Maximum Detected		0.788
1562					Mean of Detected	0.359				Mean of Detected		-1.915
1563					SD of Detected	0.529				SD of Detected		1.717
1564					Minimum Non-Detect	0.00016				Minimum Non-Detect		-8.74
1565					Maximum Non-Detect	5.53				Maximum Non-Detect		1.71
1566												
1567	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		126
1568	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
1569	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
1570												
1571						**UCL Statistics**						
1572	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
1573					Shapiro Wilk Test Statistic	0.605				Shapiro Wilk Test Statistic		0.815
1574					5% Shapiro Wilk Critical Value	0.931				5% Shapiro Wilk Critical Value		0.931
1575	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
1576												
1577	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
1578					DL/2 Substitution Method					DL/2 Substitution Method		
1579					Mean	0.256				Mean		-1.805
1580					SD	0.381				SD		1.158
1581					95% DL/2 (t) UCL	0.312				95% H-Stat (DL/2) UCL		0.459
1582												
1583					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1584	**MLE method failed to converge properly**									Mean in Log Scale		-2.457
1585										SD in Log Scale		1.237
1586										Mean in Original Scale		0.172
1587										SD in Original Scale		0.301
1588										95% Percentile Bootstrap UCL		0.219
1589										95% BCA Bootstrap UCL		0.232
1590												

1591	Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only				
1592				k star (bias corrected)	0.638			Data do not follow a Discernable Distribution (0.05)				
1593				Theta Star	0.563							
1594				nu star	42.14							
1595												
1596				A-D Test Statistic	1.787			Nonparametric Statistics				
1597				5% A-D Critical Value	0.794					Kaplan-Meier (KM) Method		
1598				K-S Test Statistic	0.794					Mean		0.186
1599				5% K-S Critical Value	0.16					SD		0.294
1600	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.029
1601										95% KM (t) UCL		0.234
1602	Assuming Gamma Distribution									95% KM (z) UCL		0.234
1603				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.234
1604				Minimum	0.00026					95% KM (bootstrap t) UCL		0.248
1605				Maximum	2.2					95% KM (BCA) UCL		0.237
1606				Mean	0.356					95% KM (Percentile Bootstrap) UCL		0.236
1607				Median	0.351					95% KM (Chebyshev) UCL		0.312
1608				SD	0.272					97.5% KM (Chebyshev) UCL		0.367
1609				k star	2.148					99% KM (Chebyshev) UCL		0.475
1610				Theta star	0.166							
1611				Nu star	541.4					Potential UCLs to Use		
1612				AppChi2	488.4					95% KM (Chebyshev) UCL		0.312
1613				95% Gamma Approximate UCL	0.395							
1614				95% Adjusted Gamma UCL	0.395							
1615	Note: DL/2 is not a recommended method.											
1616												
1617												
1618	Iron											
1619	General Statistics											
1620				Number of Valid Observations	11					Number of Distinct Observations		11
1621												
1622	Raw Statistics							Log-transformed Statistics				
1623				Minimum	32.7					Minimum of Log Data		3.487
1624				Maximum	20300					Maximum of Log Data		9.918
1625				Mean	7280					Mean of log Data		7.995
1626				Median	5340					SD of log Data		1.938
1627				SD	7000							
1628				Coefficient of Variation	0.962							
1629				Skewness	0.831							
1630												
1631	Relevant UCL Statistics											
1632	Normal Distribution Test							Lognormal Distribution Test				
1633				Shapiro Wilk Test Statistic	0.891					Shapiro Wilk Test Statistic		0.865
1634				Shapiro Wilk Critical Value	0.85					Shapiro Wilk Critical Value		0.85
1635	Data appear Normal at 5% Significance Level							Data appear Lognormal at 5% Significance Level				
1636												
1637	Assuming Normal Distribution							Assuming Lognormal Distribution				
1638				95% Student's-t UCL	11105					95% H-UCL		417876
1639	95% UCLs (Adjusted for Skewness)									95% Chebyshev (MVUE) UCL		50235
1640				95% Adjusted-CLT UCL	11317					97.5% Chebyshev (MVUE) UCL		66100
1641				95% Modified-t UCL	11194					99% Chebyshev (MVUE) UCL		97263
1642												
1643	Gamma Distribution Test							Data Distribution				

1644				k star (bias corrected)	0.553		Data appear Normal at 5% Significance Level					
1645				Theta Star	13171							
1646				MLE of Mean	7280							
1647				MLE of Standard Deviation	9792							
1648				nu star	12.16							
1649				Approximate Chi Square Value (.05)	5.332		Nonparametric Statistics					
1650				Adjusted Level of Significance	0.0278					95% CLT UCL	10752	
1651				Adjusted Chi Square Value	4.617					95% Jackknife UCL	11105	
1652										95% Standard Bootstrap UCL	10578	
1653				Anderson-Darling Test Statistic	0.275					95% Bootstrap-t UCL	12317	
1654				Anderson-Darling 5% Critical Value	0.768					95% Hall's Bootstrap UCL	11950	
1655				Kolmogorov-Smirnov Test Statistic	0.17					95% Percentile Bootstrap UCL	10723	
1656				Kolmogorov-Smirnov 5% Critical Value	0.266					95% BCA Bootstrap UCL	10785	
1657	Data appear Gamma Distributed at 5% Significance Level									95% Chebyshev(Mean, Sd) UCL	16480	
1658										97.5% Chebyshev(Mean, Sd) UCL	20461	
1659	Assuming Gamma Distribution									99% Chebyshev(Mean, Sd) UCL	28281	
1660				95% Approximate Gamma UCL	16601							
1661				95% Adjusted Gamma UCL	19174							
1662												
1663	Potential UCL to Use									Use 95% Student's-t UCL	11105	
1664												
1665												
1666	Lead											
1667							General Statistics					
1668				Number of Valid Data	276					Number of Detected Data	252	
1669				Number of Distinct Detected Data	227					Number of Non-Detect Data	24	
1670										Percent Non-Detects	8.70%	
1671												
1672				Raw Statistics						Log-transformed Statistics		
1673				Minimum Detected	1.38					Minimum Detected	0.322	
1674				Maximum Detected	4430					Maximum Detected	8.396	
1675				Mean of Detected	227.1					Mean of Detected	4.593	
1676				SD of Detected	456.9					SD of Detected	1.3	
1677				Minimum Non-Detect	10.5					Minimum Non-Detect	2.351	
1678				Maximum Non-Detect	12.7					Maximum Non-Detect	2.542	
1679												
1680	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	37	
1681	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	239	
1682	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	13.41%	
1683												
1684							UCL Statistics					
1685	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
1686				Lilliefors Test Statistic	0.311					Lilliefors Test Statistic	0.0283	
1687				5% Lilliefors Critical Value	0.0558					5% Lilliefors Critical Value	0.0558	
1688	Data not Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
1689												
1690	Assuming Normal Distribution									Assuming Lognormal Distribution		
1691				DL/2 Substitution Method						DL/2 Substitution Method		
1692				Mean	207.9					Mean	4.346	
1693				SD	440.9					SD	1.479	
1694				95% DL/2 (t) UCL	251.7					95% H-Stat (DL/2) UCL	263.8	
1695												
1696				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		

1697					Mean	163.8					Mean in Log Scale	4.377
1698					SD	483.2					SD in Log Scale	1.429
1699					95% MLE (t) UCL	211.8					Mean in Original Scale	208.1
1700					95% MLE (Tiku) UCL	209					SD in Original Scale	440.8
1701											95% Percentile Bootstrap UCL	254.6
1702											95% BCA Bootstrap UCL	265.6
1703												
1704			Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only	
1705					k star (bias corrected)	0.717					Data appear Lognormal at 5% Significance Level	
1706					Theta Star	316.7						
1707					nu star	361.4						
1708												
1709					A-D Test Statistic	4.801					Nonparametric Statistics	
1710					5% A-D Critical Value	0.799					Kaplan-Meier (KM) Method	
1711					K-S Test Statistic	0.799					Mean	207.9
1712					5% K-S Critical Value	0.0601					SD	440.1
1713			Data not Gamma Distributed at 5% Significance Level								SE of Mean	26.54
1714											95% KM (t) UCL	251.7
1715			Assuming Gamma Distribution								95% KM (z) UCL	251.6
1716			Gamma ROS Statistics using Extrapolated Data								95% KM (jackknife) UCL	251.7
1717					Minimum	1E-09					95% KM (bootstrap t) UCL	271.4
1718					Maximum	4430					95% KM (BCA) UCL	258.3
1719					Mean	207.4					95% KM (Percentile Bootstrap) UCL	253.5
1720					Median	86.65					95% KM (Chebyshev) UCL	323.6
1721					SD	441.2					97.5% KM (Chebyshev) UCL	373.7
1722					k star	0.242					99% KM (Chebyshev) UCL	472
1723					Theta star	855.7						
1724					Nu star	133.8					Potential UCLs to Use	
1725					AppChi2	108.1					95% KM (Chebyshev) UCL	323.6
1726					95% Gamma Approximate UCL	256.7						
1727					95% Adjusted Gamma UCL	257						
1728	Note: DL/2 is not a recommended method.											
1729												
1730												
1731	Mercury											
1732						General Statistics						
1733					Number of Valid Data	261					Number of Detected Data	177
1734					Number of Distinct Detected Data	144					Number of Non-Detect Data	84
1735											Percent Non-Detects	32.18%
1736												
1737			Raw Statistics								Log-transformed Statistics	
1738					Minimum Detected	0.023					Minimum Detected	-3.772
1739					Maximum Detected	20.8					Maximum Detected	3.035
1740					Mean of Detected	3.779					Mean of Detected	0.573
1741					SD of Detected	4.749					SD of Detected	1.315
1742					Minimum Non-Detect	0.00999					Minimum Non-Detect	-4.606
1743					Maximum Non-Detect	0.68					Maximum Non-Detect	-0.386
1744												
1745	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	125
1746	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	136
1747	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	47.89%
1748												
1749						UCL Statistics						

	A	B	C	D	E	F	G	H	I	J	K	L
1750	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1751					Lilliefors Test Statistic	0.224					Lilliefors Test Statistic	0.0698
1752					5% Lilliefors Critical Value	0.0666					5% Lilliefors Critical Value	0.0666
1753	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1754												
1755	Assuming Normal Distribution						Assuming Lognormal Distribution					
1756					DL/2 Substitution Method						DL/2 Substitution Method	
1757					Mean	2.652					Mean	-0.0488
1758					SD	4.237					SD	1.448
1759					95% DL/2 (t) UCL	3.085					95% H-Stat (DL/2) UCL	2.861
1760												
1761					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
1762					Mean	0.226					Mean in Log Scale	-0.101
1763					SD	6.596					SD in Log Scale	1.522
1764					95% MLE (t) UCL	0.9					Mean in Original Scale	2.652
1765					95% MLE (Tiku) UCL	1.042					SD in Original Scale	4.238
1766											95% Percentile Bootstrap UCL	3.11
1767											95% BCA Bootstrap UCL	3.137
1768												
1769	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1770					k star (bias corrected)	0.777	Data do not follow a Discernable Distribution (0.05)					
1771					Theta Star	4.864						
1772					nu star	275						
1773												
1774					A-D Test Statistic	3.35	Nonparametric Statistics					
1775					5% A-D Critical Value	0.794					Kaplan-Meier (KM) Method	
1776					K-S Test Statistic	0.794					Mean	2.653
1777					5% K-S Critical Value	0.0722					SD	4.229
1778	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.263
1779											95% KM (t) UCL	3.086
1780	Assuming Gamma Distribution										95% KM (z) UCL	3.085
1781					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.086
1782					Minimum	1E-09					95% KM (bootstrap t) UCL	3.158
1783					Maximum	20.8					95% KM (BCA) UCL	3.076
1784					Mean	3.064					95% KM (Percentile Bootstrap) UCL	3.093
1785					Median	1.54					95% KM (Chebyshev) UCL	3.798
1786					SD	4.146					97.5% KM (Chebyshev) UCL	4.293
1787					k star	0.245					99% KM (Chebyshev) UCL	5.266
1788					Theta star	12.52						
1789					Nu star	127.8	Potential UCLs to Use					
1790					AppChi2	102.7					95% KM (Chebyshev) UCL	3.798
1791					95% Gamma Approximate UCL	3.813						
1792					95% Adjusted Gamma UCL	3.818						
1793	Note: DL/2 is not a recommended method.											
1794												
1795												
1796	Naphthalene											
1797						General Statistics						
1798					Number of Valid Data	127					Number of Detected Data	35
1799					Number of Distinct Detected Data	27					Number of Non-Detect Data	92
1800											Percent Non-Detects	72.44%
1801												
1802	Raw Statistics						Log-transformed Statistics					

1803				Minimum Detected	0.00038					Minimum Detected	-7.875	
1804				Maximum Detected	51.2					Maximum Detected	3.936	
1805				Mean of Detected	2.647					Mean of Detected	-1.824	
1806				SD of Detected	9.144					SD of Detected	2.486	
1807				Minimum Non-Detect	0.31					Minimum Non-Detect	-1.171	
1808				Maximum Non-Detect	5.53					Maximum Non-Detect	1.71	
1809												
1810	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	123	
1811	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	4	
1812	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	96.85%	
1813												
1814	**UCL Statistics**											
1815	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
1816				Shapiro Wilk Test Statistic	0.327					Shapiro Wilk Test Statistic	0.906	
1817				5% Shapiro Wilk Critical Value	0.934					5% Shapiro Wilk Critical Value	0.934	
1818	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
1819												
1820	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
1821				DL/2 Substitution Method						DL/2 Substitution Method		
1822				Mean	0.89					Mean	-1.721	
1823				SD	4.88					SD	1.333	
1824				95% DL/2 (t) UCL	1.607					95% H-Stat (DL/2) UCL	0.701	
1825												
1826				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
1827				Mean	32.33					Mean in Log Scale	-2.559	
1828				SD	17.65					SD in Log Scale	1.789	
1829				95% MLE (t) UCL	34.92					Mean in Original Scale	0.822	
1830				95% MLE (Tiku) UCL	46.55					SD in Original Scale	4.884	
1831										95% Percentile Bootstrap UCL	1.618	
1832										95% BCA Bootstrap UCL	2.16	
1833												
1834	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
1835				k star (bias corrected)	0.251					**Data do not follow a Discernable Distribution (0.05)**		
1836				Theta Star	10.56							
1837				nu star	17.55							
1838												
1839				A-D Test Statistic	4.003					**Nonparametric Statistics**		
1840				5% A-D Critical Value	0.877					Kaplan-Meier (KM) Method		
1841				K-S Test Statistic	0.877					Mean	0.816	
1842				5% K-S Critical Value	0.163					SD	4.864	
1843	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.438	
1844										95% KM (t) UCL	1.542	
1845	**Assuming Gamma Distribution**									95% KM (z) UCL	1.537	
1846				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.534	
1847				Minimum	0.00038					95% KM (bootstrap t) UCL	4.3	
1848				Maximum	51.2					95% KM (BCA) UCL	1.578	
1849				Mean	2.648					95% KM (Percentile Bootstrap) UCL	1.624	
1850				Median	2.657					95% KM (Chebyshev) UCL	2.726	
1851				SD	4.751					97.5% KM (Chebyshev) UCL	3.552	
1852				k star	0.759					99% KM (Chebyshev) UCL	5.175	
1853				Theta star	3.487							
1854				Nu star	192.9					**Potential UCLs to Use**		
1855				AppChi2	161.7					97.5% KM (Chebyshev) UCL	3.552	

1856				95% Gamma Approximate UCL		3.158						
1857				95% Adjusted Gamma UCL		3.164						
1858	Note: DL/2 is not a recommended method.											
1859												
1860												
1861	n-Butylbenzene											
1862					General Statistics							
1863				Number of Valid Data		95			Number of Detected Data			36
1864				Number of Distinct Detected Data		22			Number of Non-Detect Data			59
1865									Percent Non-Detects			62.11%
1866												
1867				Raw Statistics					Log-transformed Statistics			
1868				Minimum Detected		0.0275			Minimum Detected			-3.594
1869				Maximum Detected		36.1			Maximum Detected			3.586
1870				Mean of Detected		2.866			Mean of Detected			-1.636
1871				SD of Detected		7.064			SD of Detected			2.298
1872				Minimum Non-Detect		0.00009			Minimum Non-Detect			-9.316
1873				Maximum Non-Detect		0.07			Maximum Non-Detect			-2.659
1874												
1875	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			74
1876	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			21
1877	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			77.89%
1878												
1879					UCL Statistics							
1880				Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only			
1881				Shapiro Wilk Test Statistic		0.479			Shapiro Wilk Test Statistic			0.781
1882				5% Shapiro Wilk Critical Value		0.935			5% Shapiro Wilk Critical Value			0.935
1883				Data not Normal at 5% Significance Level					Data not Lognormal at 5% Significance Level			
1884												
1885				Assuming Normal Distribution					Assuming Lognormal Distribution			
1886				DL/2 Substitution Method					DL/2 Substitution Method			
1887				Mean		1.103			Mean			-3.017
1888				SD		4.527			SD			2.083
1889				95% DL/2 (t) UCL		1.875			95% H-Stat (DL/2) UCL			0.959
1890												
1891				Maximum Likelihood Estimate(MLE) Method		N/A			Log ROS Method			
1892				MLE yields a negative mean					Mean in Log Scale			-3.344
1893									SD in Log Scale			2.339
1894									Mean in Original Scale			1.107
1895									SD in Original Scale			4.526
1896									95% Percentile Bootstrap UCL			1.891
1897									95% BCA Bootstrap UCL			2.203
1898												
1899				Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only			
1900				k star (bias corrected)		0.259			Data do not follow a Discernable Distribution (0.05)			
1901				Theta Star		11.07						
1902				nu star		18.63						
1903												
1904				A-D Test Statistic		4.679			Nonparametric Statistics			
1905				5% A-D Critical Value		0.873			Kaplan-Meier (KM) Method			
1906				K-S Test Statistic		0.873			Mean			1.104
1907				5% K-S Critical Value		0.161			SD			4.503
1908				Data not Gamma Distributed at 5% Significance Level					SE of Mean			0.469

1909											95% KM (t) UCL	1.882
1910	**Assuming Gamma Distribution**										95% KM (z) UCL	1.875
1911			Gamma ROS Statistics using Extrapolated Data								95% KM (jackknife) UCL	1.876
1912					Minimum	1E-09					95% KM (bootstrap t) UCL	2.943
1913					Maximum	36.1					95% KM (BCA) UCL	1.936
1914					Mean	2.81					95% KM (Percentile Bootstrap) UCL	1.933
1915					Median	2.58					95% KM (Chebyshev) UCL	3.146
1916					SD	4.465					97.5% KM (Chebyshev) UCL	4.03
1917					k star	0.25					99% KM (Chebyshev) UCL	5.766
1918					Theta star	11.26						
1919					Nu star	47.42					**Potential UCLs to Use**	
1920					AppChi2	32.61					97.5% KM (Chebyshev) UCL	4.03
1921				95% Gamma Approximate UCL		4.086						
1922				95% Adjusted Gamma UCL		4.11						
1923	**Note: DL/2 is not a recommended method.**											
1924												
1925												
1926	**n-Propylbenzene**											
1927						**General Statistics**						
1928					Number of Valid Data	95					Number of Detected Data	29
1929					Number of Distinct Detected Data	13					Number of Non-Detect Data	66
1930											Percent Non-Detects	69.47%
1931												
1932				**Raw Statistics**							**Log-transformed Statistics**	
1933					Minimum Detected	0.0275					Minimum Detected	-3.594
1934					Maximum Detected	20.8					Maximum Detected	3.035
1935					Mean of Detected	1.068					Mean of Detected	-2.281
1936					SD of Detected	3.889					SD of Detected	1.742
1937					Minimum Non-Detect	0.00006					Minimum Non-Detect	-9.721
1938					Maximum Non-Detect	3.2					Maximum Non-Detect	1.163
1939												
1940	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	93
1941	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	2
1942	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	97.89%
1943												
1944						**UCL Statistics**						
1945	**Normal Distribution Test with Detected Values Only**										**Lognormal Distribution Test with Detected Values Only**	
1946					Shapiro Wilk Test Statistic	0.295					Shapiro Wilk Test Statistic	0.751
1947					5% Shapiro Wilk Critical Value	0.926					5% Shapiro Wilk Critical Value	0.926
1948	**Data not Normal at 5% Significance Level**										**Data not Lognormal at 5% Significance Level**	
1949												
1950	**Assuming Normal Distribution**										**Assuming Lognormal Distribution**	
1951					DL/2 Substitution Method						DL/2 Substitution Method	
1952					Mean	0.408					Mean	-3.206
1953					SD	2.188					SD	1.842
1954					95% DL/2 (t) UCL	0.78					95% H-Stat (DL/2) UCL	0.507
1955												
1956					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1957	**MLE method failed to converge properly**										Mean in Log Scale	-3.491
1958											SD in Log Scale	1.587
1959											Mean in Original Scale	0.348
1960											SD in Original Scale	2.176
1961											95% Percentile Bootstrap UCL	0.77

1962											95% BCA Bootstrap UCL	1.2
1963												
1964	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1965					k star (bias corrected)	0.287	Data do not follow a Discernable Distribution (0.05)					
1966					Theta Star	3.718						
1967					nu star	16.66						
1968												
1969					A-D Test Statistic	5.08	Nonparametric Statistics					
1970					5% A-D Critical Value	0.858					Kaplan-Meier (KM) Method	
1971					K-S Test Statistic	0.858					Mean	0.348
1972					5% K-S Critical Value	0.177					SD	2.165
1973	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.226
1974											95% KM (t) UCL	0.724
1975	Assuming Gamma Distribution										95% KM (z) UCL	0.72
1976	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.719
1977					Minimum	0.0275					95% KM (bootstrap t) UCL	2.281
1978					Maximum	20.8					95% KM (BCA) UCL	0.769
1979					Mean	1.15					95% KM (Percentile Bootstrap) UCL	0.777
1980					Median	0.335					95% KM (Chebyshev) UCL	1.334
1981					SD	2.348					97.5% KM (Chebyshev) UCL	1.761
1982					k star	0.577					99% KM (Chebyshev) UCL	2.599
1983					Theta star	1.992						
1984					Nu star	109.6	Potential UCLs to Use					
1985					AppChi2	86.47					95% KM (Chebyshev) UCL	1.334
1986					95% Gamma Approximate UCL	1.458						
1987					95% Adjusted Gamma UCL	1.463						
1988	Note: DL/2 is not a recommended method.											
1989												
1990												
1991	Vanadium											
1992	General Statistics											
1993					Number of Valid Observations	14					Number of Distinct Observations	14
1994												
1995	Raw Statistics						Log-transformed Statistics					
1996					Minimum	2.18					Minimum of Log Data	0.779
1997					Maximum	61					Maximum of Log Data	4.111
1998					Mean	20.6					Mean of log Data	2.581
1999					Median	16.15					SD of log Data	1.057
2000					SD	18.95						
2001					Coefficient of Variation	0.92						
2002					Skewness	1.344						
2003												
2004	Relevant UCL Statistics											
2005	Normal Distribution Test						Lognormal Distribution Test					
2006					Shapiro Wilk Test Statistic	0.83					Shapiro Wilk Test Statistic	0.948
2007					Shapiro Wilk Critical Value	0.874					Shapiro Wilk Critical Value	0.874
2008	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
2009												
2010	Assuming Normal Distribution						Assuming Lognormal Distribution					
2011					95% Student's-t UCL	29.57					95% H-UCL	53.91
2012	95% UCLs (Adjusted for Skewness)										95% Chebyshev (MVUE) UCL	51.23
2013					95% Adjusted-CLT UCL	30.87					97.5% Chebyshev (MVUE) UCL	63.94
2014					95% Modified-t UCL	29.87					99% Chebyshev (MVUE) UCL	88.91

	A	B	C	D	E	F	G	H	I	J	K	L
2015												
2016	**Gamma Distribution Test**						**Data Distribution**					
2017	k star (bias corrected)					1.044	**Data appear Gamma Distributed at 5% Significance Level**					
2018	Theta Star					19.74						
2019	MLE of Mean					20.6						
2020	MLE of Standard Deviation					20.16						
2021	nu star					29.22						
2022	Approximate Chi Square Value (.05)					17.88	**Nonparametric Statistics**					
2023	Adjusted Level of Significance					0.0312					95% CLT UCL	28.93
2024	Adjusted Chi Square Value					16.71					95% Jackknife UCL	29.57
2025											95% Standard Bootstrap UCL	28.62
2026	Anderson-Darling Test Statistic					0.249					95% Bootstrap-t UCL	34.95
2027	Anderson-Darling 5% Critical Value					0.755					95% Hall's Bootstrap UCL	40.98
2028	Kolmogorov-Smirnov Test Statistic					0.129					95% Percentile Bootstrap UCL	28.79
2029	Kolmogorov-Smirnov 5% Critical Value					0.234					95% BCA Bootstrap UCL	30.03
2030	**Data appear Gamma Distributed at 5% Significance Level**										95% Chebyshev(Mean, Sd) UCL	42.68
2031											97.5% Chebyshev(Mean, Sd) UCL	52.23
2032	**Assuming Gamma Distribution**										99% Chebyshev(Mean, Sd) UCL	70.99
2033	95% Approximate Gamma UCL					33.66						
2034	95% Adjusted Gamma UCL					36.02						
2035												
2036	**Potential UCL to Use**										Use 95% Approximate Gamma UCL	33.66
2037												

	General UCL Statistics for Data Sets with Non-Detects	
User Selected Options		
From File	C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Industrial Files\ProUCL_Inpu	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

1,2,4-Trimethylbenzene

General Statistics

Number of Valid Data	237	Number of Detected Data	162
Number of Distinct Detected Data	33	Number of Non-Detect Data	75
		Percent Non-Detects	31.65%

Raw Statistics		Log-transformed Statistics	
Minimum Detected	0.01	Minimum Detected	-4.605
Maximum Detected	3.2	Maximum Detected	1.163
Mean of Detected	0.0492	Mean of Detected	-3.775
SD of Detected	0.252	SD of Detected	0.748
Minimum Non-Detect	0.00011	Minimum Non-Detect	-9.115
Maximum Non-Detect	0.07	Maximum Non-Detect	-2.659
Note: Data have multiple DLs - Use of KM Method is recommended		Number treated as Non-Detect	228
For all methods (except KM, DL/2, and ROS Methods),		Number treated as Detected	9
Observations < Largest ND are treated as NDs		Single DL Non-Detect Percentage	96.20%

UCL Statistics

Normal Distribution Test with Detected Values Only		Lognormal Distribution Test with Detected Values Only	
Lilliefors Test Statistic	0.466	Lilliefors Test Statistic	0.276
5% Lilliefors Critical Value	0.0696	5% Lilliefors Critical Value	0.0696
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	
Assuming Normal Distribution		**Assuming Lognormal Distribution**	
DL/2 Substitution Method		DL/2 Substitution Method	
Mean	0.0414	Mean	-3.947
SD	0.209	SD	1.313
95% DL/2 (t) UCL	0.0638	95% H-Stat (DL/2) UCL	0.078
Maximum Likelihood Estimate(MLE) Method	N/A	Log ROS Method	
MLE yields a negative mean		Mean in Log Scale	-3.875
		SD in Log Scale	0.745
		Mean in Original Scale	0.0402
		SD in Original Scale	0.209
		95% Percentile Bootstrap UCL	0.067
		95% BCA Bootstrap UCL	0.0942
Gamma Distribution Test with Detected Values Only		**Data Distribution Test with Detected Values Only**	
k star (bias corrected)	0.77	Data do not follow a Discernable Distribution (0.05)	
Theta Star	0.0639		
nu star	249.4		
A-D Test Statistic	6.173E+28	**Nonparametric Statistics**	
5% A-D Critical Value	0.794	Kaplan-Meier (KM) Method	

54				K-S Test Statistic	0.794					Mean	0.0399	
55				5% K-S Critical Value	0.0763					SD	0.208	
56				Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.0136	
57										95% KM (t) UCL	0.0623	
58				Assuming Gamma Distribution						95% KM (z) UCL	0.0622	
59				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0623	
60				Minimum	0.01					95% KM (bootstrap t) UCL	0.176	
61				Maximum	3.2					95% KM (BCA) UCL	0.0673	
62				Mean	0.0496					95% KM (Percentile Bootstrap) UCL	0.0676	
63				Median	0.0285					95% KM (Chebyshev) UCL	0.0991	
64				SD	0.208					97.5% KM (Chebyshev) UCL	0.125	
65				k star	1.078					99% KM (Chebyshev) UCL	0.175	
66				Theta star	0.046							
67				Nu star	510.8					Potential UCLs to Use		
68				AppChi2	459.3					95% KM (BCA) UCL	0.0673	
69				95% Gamma Approximate UCL	0.0551							
70				95% Adjusted Gamma UCL	0.0552							
71	Note: DL/2 is not a recommended method.											
72												
73												
74	1-Methyl Naphthalene											
75						General Statistics						
76				Number of Valid Data	60					Number of Detected Data	4	
77				Number of Distinct Detected Data	4					Number of Non-Detect Data	56	
78										Percent Non-Detects	93.33%	
79												
80				Raw Statistics						Log-transformed Statistics		
81				Minimum Detected	0.42					Minimum Detected	-0.868	
82				Maximum Detected	2.02					Maximum Detected	0.703	
83				Mean of Detected	1.112					Mean of Detected	-0.0566	
84				SD of Detected	0.699					SD of Detected	0.679	
85				Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204	
86				Maximum Non-Detect	0.39					Maximum Non-Detect	-0.942	
87												
88	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	56	
89	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	4	
90	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	93.33%	
91												
92	Warning: There are only 4 Distinct Detected Values in this data											
93	Note: It should be noted that even though bootstrap may be performed on this data set											
94	the resulting calculations may not be reliable enough to draw conclusions											
95												
96	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
97												
98												
99						UCL Statistics						
100				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
101				Shapiro Wilk Test Statistic	0.963					Shapiro Wilk Test Statistic	0.99	
102				5% Shapiro Wilk Critical Value	0.748					5% Shapiro Wilk Critical Value	0.748	
103				Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
104												
105				Assuming Normal Distribution						Assuming Lognormal Distribution		
106				DL/2 Substitution Method						DL/2 Substitution Method		

107					Mean	0.231					Mean	-1.67
108					SD	0.285					SD	0.465
109					95% DL/2 (t) UCL	0.293					95% H-Stat (DL/2) UCL	0.216
110												
111					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
112					**MLE yields a negative mean**						Mean in Log Scale	-4.778
113											SD in Log Scale	2.101
114											Mean in Original Scale	0.0922
115											SD in Original Scale	0.318
116											95% Percentile Bootstrap UCL	0.161
117											95% BCA Bootstrap UCL	0.19
118												
119					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
120					k star (bias corrected)	0.972					**Data appear Normal at 5% Significance Level**	
121					Theta Star	1.145						
122					nu star	7.774						
123												
124					A-D Test Statistic	0.205					**Nonparametric Statistics**	
125					5% A-D Critical Value	0.659					Kaplan-Meier (KM) Method	
126					K-S Test Statistic	0.659					Mean	0.466
127					5% K-S Critical Value	0.396					SD	0.233
128					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.0347
129											95% KM (t) UCL	0.524
130					**Assuming Gamma Distribution**						95% KM (z) UCL	0.523
131					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.67
132					Minimum	0.42					95% KM (bootstrap t) UCL	0.52
133					Maximum	2.02					95% KM (BCA) UCL	2.02
134					Mean	1.065					95% KM (Percentile Bootstrap) UCL	1.295
135					Median	1.063					95% KM (Chebyshev) UCL	0.618
136					SD	0.205					97.5% KM (Chebyshev) UCL	0.683
137					k star	25.86					99% KM (Chebyshev) UCL	0.812
138					Theta star	0.0412						
139					Nu star	3103					**Potential UCLs to Use**	
140					AppChi2	2974					95% KM (t) UCL	0.524
141					95% Gamma Approximate UCL	1.111					95% KM (Percentile Bootstrap) UCL	1.295
142					95% Adjusted Gamma UCL	N/A						
143	**Note: DL/2 is not a recommended method.**											
144												
145												
146	**Aluminum**											
147						**General Statistics**						
148					Number of Valid Observations	17					Number of Distinct Observations	17
149												
150					**Raw Statistics**						**Log-transformed Statistics**	
151					Minimum	511					Minimum of Log Data	6.236
152					Maximum	4300					Maximum of Log Data	8.366
153					Mean	2615					Mean of log Data	7.774
154					Median	2500					SD of log Data	0.503
155					SD	998.2						
156					Coefficient of Variation	0.382						
157					Skewness	-0.136						
158												
159						**Relevant UCL Statistics**						

160	**Normal Distribution Test**						**Lognormal Distribution Test**					
161	Shapiro Wilk Test Statistic				0.97		Shapiro Wilk Test Statistic					0.844
162	Shapiro Wilk Critical Value				0.892		Shapiro Wilk Critical Value					0.892
163	**Data appear Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
164												
165	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
166	95% Student's-t UCL				3037		95% H-UCL					3488
167	**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL					4149
168	95% Adjusted-CLT UCL				3004		97.5% Chebyshev (MVUE) UCL					4786
169	95% Modified-t UCL				3036		99% Chebyshev (MVUE) UCL					6037
170												
171	**Gamma Distribution Test**						**Data Distribution**					
172	k star (bias corrected)				4.532		**Data appear Normal at 5% Significance Level**					
173	Theta Star				577							
174	MLE of Mean				2615							
175	MLE of Standard Deviation				1228							
176	nu star				154.1							
177	Approximate Chi Square Value (.05)				126.4		**Nonparametric Statistics**					
178	Adjusted Level of Significance				0.0346		95% CLT UCL					3013
179	Adjusted Chi Square Value				123.8		95% Jackknife UCL					3037
180							95% Standard Bootstrap UCL					3004
181	Anderson-Darling Test Statistic				0.448		95% Bootstrap-t UCL					3014
182	Anderson-Darling 5% Critical Value				0.741		95% Hall's Bootstrap UCL					3013
183	Kolmogorov-Smirnov Test Statistic				0.151		95% Percentile Bootstrap UCL					3003
184	Kolmogorov-Smirnov 5% Critical Value				0.21		95% BCA Bootstrap UCL					3015
185	**Data appear Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL					3670
186							97.5% Chebyshev(Mean, Sd) UCL					4127
187	**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL					5024
188	95% Approximate Gamma UCL				3188							
189	95% Adjusted Gamma UCL				3255							
190												
191	**Potential UCL to Use**						Use 95% Student's-t UCL					3037
192												
193												
194	**Antimony**											
195	**General Statistics**											
196	Number of Valid Data				21		Number of Detected Data					16
197	Number of Distinct Detected Data				13		Number of Non-Detect Data					5
198							Percent Non-Detects					23.81%
199												
200	**Raw Statistics**						**Log-transformed Statistics**					
201	Minimum Detected				0.037		Minimum Detected					-3.297
202	Maximum Detected				22		Maximum Detected					3.091
203	Mean of Detected				1.668		Mean of Detected					-1.955
204	SD of Detected				5.46		SD of Detected					1.831
205	Minimum Non-Detect				1.1		Minimum Non-Detect					0.0953
206	Maximum Non-Detect				13		Maximum Non-Detect					2.565
207												
208	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect					20
209	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected					1
210	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage					95.24%
211												
212	**UCL Statistics**											

213	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
214				Shapiro Wilk Test Statistic		0.336					Shapiro Wilk Test Statistic	0.729
215				5% Shapiro Wilk Critical Value		0.887					5% Shapiro Wilk Critical Value	0.887
216	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
217												
218	Assuming Normal Distribution						Assuming Lognormal Distribution					
219				DL/2 Substitution Method							DL/2 Substitution Method	
220				Mean		1.968					Mean	-1.396
221				SD		4.978					SD	1.982
222				95% DL/2 (t) UCL		3.842					95% H-Stat (DL/2) UCL	12.13
223												
224				Maximum Likelihood Estimate(MLE) Method		N/A					Log ROS Method	
225	MLE method failed to converge properly										Mean in Log Scale	-2.05
226											SD in Log Scale	1.64
227											Mean in Original Scale	1.3
228											SD in Original Scale	4.776
229											95% Percentile Bootstrap UCL	3.371
230											95% BCA Bootstrap UCL	5.402
231												
232	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
233				k star (bias corrected)		0.271	Data do not follow a Discernable Distribution (0.05)					
234				Theta Star		6.153						
235				nu star		8.675						
236												
237				A-D Test Statistic		3.036	Nonparametric Statistics					
238				5% A-D Critical Value		0.845					Kaplan-Meier (KM) Method	
239				K-S Test Statistic		0.845					Mean	1.309
240				5% K-S Critical Value		0.234					SD	4.663
241	Data not Gamma Distributed at 5% Significance Level										SE of Mean	1.052
242											95% KM (t) UCL	3.123
243	Assuming Gamma Distribution										95% KM (z) UCL	3.039
244				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	3.109
245				Minimum		0.037					95% KM (bootstrap t) UCL	40.62
246				Maximum		22					95% KM (BCA) UCL	3.386
247				Mean		1.645					95% KM (Percentile Bootstrap) UCL	3.38
248				Median		0.12					95% KM (Chebyshev) UCL	5.893
249				SD		4.739					97.5% KM (Chebyshev) UCL	7.877
250				k star		0.335					99% KM (Chebyshev) UCL	11.77
251				Theta star		4.914						
252				Nu star		14.06	Potential UCLs to Use					
253				AppChi2		6.612					99% KM (Chebyshev) UCL	11.77
254				95% Gamma Approximate UCL		3.498						
255				95% Adjusted Gamma UCL		3.717						
256	Note: DL/2 is not a recommended method.											
257												
258												
259	Aroclor-1254											
260	General Statistics											
261				Number of Valid Data		386					Number of Detected Data	217
262				Number of Distinct Detected Data		125					Number of Non-Detect Data	169
263											Percent Non-Detects	43.78%
264												
265	Raw Statistics						Log-transformed Statistics					

266				Minimum Detected	0.0032					Minimum Detected	-5.745	
267				Maximum Detected	109					Maximum Detected	4.691	
268				Mean of Detected	1.756					Mean of Detected	-0.0297	
269				SD of Detected	7.387					SD of Detected	1.121	
270				Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377	
271				Maximum Non-Detect	12					Maximum Non-Detect	2.485	
272												
273	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	384	
274	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	2	
275	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	99.48%	
276												
277	**UCL Statistics**											
278	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
279				Lilliefors Test Statistic	0.436					Lilliefors Test Statistic	0.431	
280				5% Lilliefors Critical Value	0.0601					5% Lilliefors Critical Value	0.0601	
281	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
282												
283	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
284				DL/2 Substitution Method						DL/2 Substitution Method		
285				Mean	1.378					Mean	-0.418	
286				SD	5.564					SD	1.609	
287				95% DL/2 (t) UCL	1.845					95% H-Stat (DL/2) UCL	3.612	
288												
289				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
290	**MLE method failed to converge properly**									Mean in Log Scale	-0.285	
291										SD in Log Scale	0.979	
292										Mean in Original Scale	1.271	
293										SD in Original Scale	5.566	
294										95% Percentile Bootstrap UCL	1.821	
295										95% BCA Bootstrap UCL	2.185	
296												
297	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
298				k star (bias corrected)	0.966		**Data do not follow a Discernable Distribution (0.05)**					
299				Theta Star	1.818							
300				nu star	419.3							
301												
302				A-D Test Statistic	4.608E+28		**Nonparametric Statistics**					
303				5% A-D Critical Value	0.785					Kaplan-Meier (KM) Method		
304				K-S Test Statistic	0.785					Mean	1.293	
305				5% K-S Critical Value	0.0635					SD	5.564	
306	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.285	
307										95% KM (t) UCL	1.762	
308	**Assuming Gamma Distribution**									95% KM (z) UCL	1.761	
309				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.761	
310				Minimum	1E-09					95% KM (bootstrap t) UCL	3.595	
311				Maximum	109					95% KM (BCA) UCL	1.875	
312				Mean	1.668					95% KM (Percentile Bootstrap) UCL	1.846	
313				Median	1.157					95% KM (Chebyshev) UCL	2.533	
314				SD	5.595					97.5% KM (Chebyshev) UCL	3.069	
315				k star	0.319					99% KM (Chebyshev) UCL	4.123	
316				Theta star	5.236							
317				Nu star	245.9		**Potential UCLs to Use**					
318				AppChi2	210.6					95% KM (Chebyshev) UCL	2.533	

319				95% Gamma Approximate UCL		1.947						
320				95% Adjusted Gamma UCL		1.948						
321	Note: DL/2 is not a recommended method.											
322												
323												
324	Aroclor-1260											
325					General Statistics							
326				Number of Valid Data		386				Number of Detected Data		201
327				Number of Distinct Detected Data		115				Number of Non-Detect Data		185
328										Percent Non-Detects		47.93%
329												
330				Raw Statistics						Log-transformed Statistics		
331				Minimum Detected		0.0605				Minimum Detected		-2.805
332				Maximum Detected		785				Maximum Detected		6.666
333				Mean of Detected		6.993				Mean of Detected		0.231
334				SD of Detected		57.49				SD of Detected		0.944
335				Minimum Non-Detect		0.00209				Minimum Non-Detect		-6.171
336				Maximum Non-Detect		12				Maximum Non-Detect		2.485
337												
338	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		380
339	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		6
340	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		98.45%
341												
342					UCL Statistics							
343				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
344				Lilliefors Test Statistic		0.487				Lilliefors Test Statistic		0.372
345				5% Lilliefors Critical Value		0.0625				5% Lilliefors Critical Value		0.0625
346				Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level		
347												
348				Assuming Normal Distribution						Assuming Lognormal Distribution		
349				DL/2 Substitution Method						DL/2 Substitution Method		
350				Mean		4.039				Mean		-0.43
351				SD		41.55				SD		1.731
352				95% DL/2 (t) UCL		7.526				95% H-Stat (DL/2) UCL		4.692
353												
354				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
355				MLE yields a negative mean						Mean in Log Scale		-0.0804
356										SD in Log Scale		0.848
357										Mean in Original Scale		4.009
358										SD in Original Scale		41.55
359										95% Percentile Bootstrap UCL		8.077
360										95% BCA Bootstrap UCL		11.22
361												
362				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
363				k star (bias corrected)		0.384				Data do not follow a Discernable Distribution (0.05)		
364				Theta Star		18.22						
365				nu star		154.3						
366												
367				A-D Test Statistic		4.975E+28				Nonparametric Statistics		
368				5% A-D Critical Value		0.848				Kaplan-Meier (KM) Method		
369				K-S Test Statistic		0.848				Mean		3.955
370				5% K-S Critical Value		0.0682				SD		41.5
371				Data not Gamma Distributed at 5% Significance Level						SE of Mean		2.118

372											95% KM (t) UCL	7.447
373			**Assuming Gamma Distribution**								95% KM (z) UCL	7.439
374				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	7.443
375					Minimum	1E-09					95% KM (bootstrap t) UCL	17.01
376					Maximum	785					95% KM (BCA) UCL	8.118
377					Mean	7.565					95% KM (Percentile Bootstrap) UCL	7.996
378					Median	1.14					95% KM (Chebyshev) UCL	13.19
379					SD	42.33					97.5% KM (Chebyshev) UCL	17.18
380					k star	0.121					99% KM (Chebyshev) UCL	25.03
381					Theta star	62.71						
382					Nu star	93.12					**Potential UCLs to Use**	
383					AppChi2	71.87					95% KM (t) UCL	7.447
384					95% Gamma Approximate UCL	9.802					95% KM (% Bootstrap) UCL	7.996
385					95% Adjusted Gamma UCL	9.812						
386	**Note: DL/2 is not a recommended method.**											
387												
388												
389	**Aroclor-1268**											
390						**General Statistics**						
391					Number of Valid Data	382					Number of Detected Data	267
392					Number of Distinct Detected Data	185					Number of Non-Detect Data	115
393											Percent Non-Detects	30.10%
394												
395				**Raw Statistics**							**Log-transformed Statistics**	
396					Minimum Detected	0.034					Minimum Detected	-3.381
397					Maximum Detected	240					Maximum Detected	5.481
398					Mean of Detected	4.242					Mean of Detected	0.367
399					SD of Detected	16.22					SD of Detected	1.276
400					Minimum Non-Detect	0.017					Minimum Non-Detect	-4.075
401					Maximum Non-Detect	3.36					Maximum Non-Detect	1.212
402												
403	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	337
404	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	45
405	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	88.22%
406												
407						**UCL Statistics**							
408				**Normal Distribution Test with Detected Values Only**							**Lognormal Distribution Test with Detected Values Only**	
409					Lilliefors Test Statistic	0.398					Lilliefors Test Statistic	0.259
410					5% Lilliefors Critical Value	0.0542					5% Lilliefors Critical Value	0.0542
411				**Data not Normal at 5% Significance Level**							**Data not Lognormal at 5% Significance Level**	
412												
413				**Assuming Normal Distribution**							**Assuming Lognormal Distribution**	
414					DL/2 Substitution Method						DL/2 Substitution Method	
415					Mean	3.276					Mean	0.185
416					SD	13.63					SD	1.273
417					95% DL/2 (t) UCL	4.426					95% H-Stat (DL/2) UCL	3.543
418												
419					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
420				**MLE yields a negative mean**							Mean in Log Scale	0.144
421											SD in Log Scale	1.199
422											Mean in Original Scale	3.226
423											SD in Original Scale	13.64
424											95% Percentile Bootstrap UCL	4.437

425											95% BCA Bootstrap UCL	5.188
426												
427				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
428					k star (bias corrected)	0.573					Data do not follow a Discernable Distribution (0.05)	
429					Theta Star	7.409						
430					nu star	305.7						
431												
432					A-D Test Statistic	30.23					Nonparametric Statistics	
433					5% A-D Critical Value	0.814					Kaplan-Meier (KM) Method	
434					K-S Test Statistic	0.814					Mean	3.238
435					5% K-S Critical Value	0.0588					SD	13.62
436				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.699
437											95% KM (t) UCL	4.39
438				Assuming Gamma Distribution							95% KM (z) UCL	4.387
439					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	4.389
440					Minimum	0.034					95% KM (bootstrap t) UCL	5.855
441					Maximum	240					95% KM (BCA) UCL	4.588
442					Mean	4.212					95% KM (Percentile Bootstrap) UCL	4.554
443					Median	2.117					95% KM (Chebyshev) UCL	6.283
444					SD	13.55					97.5% KM (Chebyshev) UCL	7.6
445					k star	0.784					99% KM (Chebyshev) UCL	10.19
446					Theta star	5.374						
447					Nu star	598.7					Potential UCLs to Use	
448					AppChi2	543					95% KM (Chebyshev) UCL	6.283
449					95% Gamma Approximate UCL	4.644						
450					95% Adjusted Gamma UCL	4.646						
451	Note: DL/2 is not a recommended method.											
452												
453												
454	Arsenic											
455						General Statistics						
456					Number of Valid Data	17					Number of Detected Data	9
457					Number of Distinct Detected Data	9					Number of Non-Detect Data	8
458											Percent Non-Detects	47.06%
459												
460				Raw Statistics							Log-transformed Statistics	
461					Minimum Detected	0.28					Minimum Detected	-1.273
462					Maximum Detected	2.84					Maximum Detected	1.044
463					Mean of Detected	1.091					Mean of Detected	-0.335
464					SD of Detected	1.062					SD of Detected	0.951
465					Minimum Non-Detect	0.18					Minimum Non-Detect	-1.715
466					Maximum Non-Detect	6					Maximum Non-Detect	1.792
467												
468	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	17
469	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
470	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
471												
472	Warning: There are only 9 Detected Values in this data											
473	Note: It should be noted that even though bootstrap may be performed on this data set											
474	the resulting calculations may not be reliable enough to draw conclusions											
475												
476	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
477												

478												
479	UCL Statistics											
480	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
481					Shapiro Wilk Test Statistic	0.733					Shapiro Wilk Test Statistic	0.795
482					5% Shapiro Wilk Critical Value	0.829					5% Shapiro Wilk Critical Value	0.829
483	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
484												
485	Assuming Normal Distribution						Assuming Lognormal Distribution					
486					DL/2 Substitution Method						DL/2 Substitution Method	
487					Mean	1.08					Mean	-0.293
488					SD	0.935					SD	0.936
489					95% DL/2 (t) UCL	1.476					95% H-Stat (DL/2) UCL	1.771
490												
491					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
492	MLE method failed to converge properly										Mean in Log Scale	-0.711
493											SD in Log Scale	0.87
494											Mean in Original Scale	0.746
495											SD in Original Scale	0.845
496											95% Percentile Bootstrap UCL	1.092
497											95% BCA Bootstrap UCL	1.18
498												
499	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
500					k star (bias corrected)	0.958	Data do not follow a Discernable Distribution (0.05)					
501					Theta Star	1.139						
502					nu star	17.24						
503												
504					A-D Test Statistic	1.068	Nonparametric Statistics					
505					5% A-D Critical Value	0.738					Kaplan-Meier (KM) Method	
506					K-S Test Statistic	0.738					Mean	0.782
507					5% K-S Critical Value	0.285					SD	0.84
508	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.226
509											95% KM (t) UCL	1.176
510	Assuming Gamma Distribution										95% KM (z) UCL	1.154
511					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.164
512					Minimum	0.28					95% KM (bootstrap t) UCL	1.368
513					Maximum	2.84					95% KM (BCA) UCL	1.217
514					Mean	1.065					95% KM (Percentile Bootstrap) UCL	1.168
515					Median	1.085					95% KM (Chebyshev) UCL	1.767
516					SD	0.774					97.5% KM (Chebyshev) UCL	2.193
517					k star	1.842					99% KM (Chebyshev) UCL	3.03
518					Theta star	0.578						
519					Nu star	62.63	Potential UCLs to Use					
520					AppChi2	45.43					95% KM (t) UCL	1.176
521					95% Gamma Approximate UCL	1.469					95% KM (% Bootstrap) UCL	1.168
522					95% Adjusted Gamma UCL	1.52						
523	Note: DL/2 is not a recommended method.											
524												
525												
526	Benzo(a)anthracene											
527	General Statistics											
528					Number of Valid Data	255					Number of Detected Data	177
529					Number of Distinct Detected Data	96					Number of Non-Detect Data	78
530											Percent Non-Detects	30.59%

531												
532	**Raw Statistics**						**Log-transformed Statistics**					
533					Minimum Detected	0.00068					Minimum Detected	-7.293
534					Maximum Detected	20					Maximum Detected	2.996
535					Mean of Detected	0.624					Mean of Detected	-1.476
536					SD of Detected	1.757					SD of Detected	1.229
537					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
538					Maximum Non-Detect	6.8					Maximum Non-Detect	1.917
539												
540	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	254
541	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
542	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.61%
543												
544	**UCL Statistics**											
545	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
546					Lilliefors Test Statistic	0.402					Lilliefors Test Statistic	0.339
547					5% Lilliefors Critical Value	0.0666					5% Lilliefors Critical Value	0.0666
548	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
549												
550	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
551					DL/2 Substitution Method						DL/2 Substitution Method	
552					Mean	0.499					Mean	-1.55
553					SD	1.488					SD	1.049
554					95% DL/2 (t) UCL	0.653					95% H-Stat (DL/2) UCL	0.517
555												
556					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
557	**MLE method failed to converge properly**										Mean in Log Scale	-1.566
558											SD in Log Scale	1.083
559											Mean in Original Scale	0.494
560											SD in Original Scale	1.477
561											95% Percentile Bootstrap UCL	0.659
562											95% BCA Bootstrap UCL	0.71
563												
564	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
565					k star (bias corrected)	0.607	**Data do not follow a Discernable Distribution (0.05)**					
566					Theta Star	1.028						
567					nu star	214.8						
568												
569					A-D Test Statistic	33.91	**Nonparametric Statistics**					
570					5% A-D Critical Value	0.809					Kaplan-Meier (KM) Method	
571					K-S Test Statistic	0.809					Mean	0.484
572					5% K-S Critical Value	0.073					SD	1.476
573	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.0928
574											95% KM (t) UCL	0.637
575	**Assuming Gamma Distribution**										95% KM (z) UCL	0.636
576					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.637
577					Minimum	0.00068					95% KM (bootstrap t) UCL	0.747
578					Maximum	20					95% KM (BCA) UCL	0.662
579					Mean	0.624					95% KM (Percentile Bootstrap) UCL	0.651
580					Median	0.181					95% KM (Chebyshev) UCL	0.888
581					SD	1.463					97.5% KM (Chebyshev) UCL	1.063
582					k star	0.836					99% KM (Chebyshev) UCL	1.407
583					Theta star	0.747						

584					Nu star	426.4			Potential UCLs to Use			
585					AppChi2	379.5					95% KM (Chebyshev) UCL	0.888
586				95% Gamma Approximate UCL		0.701						
587				95% Adjusted Gamma UCL		0.702						
588	**Note: DL/2 is not a recommended method.**											
589												
590												
591	**Benzo(a)pyrene**											
592						**General Statistics**						
593					Number of Valid Data	255					Number of Detected Data	178
594					Number of Distinct Detected Data	95					Number of Non-Detect Data	77
595											Percent Non-Detects	30.20%
596												
597				**Raw Statistics**					**Log-transformed Statistics**			
598					Minimum Detected	0.00052					Minimum Detected	-7.562
599					Maximum Detected	16					Maximum Detected	2.773
600					Mean of Detected	0.637					Mean of Detected	-1.449
601					SD of Detected	1.615					SD of Detected	1.249
602					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
603					Maximum Non-Detect	6.8					Maximum Non-Detect	1.917
604												
605	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	252
606	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
607	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.82%
608												
609						**UCL Statistics**						
610				**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**			
611					Lilliefors Test Statistic	0.401					Lilliefors Test Statistic	0.348
612					5% Lilliefors Critical Value	0.0664					5% Lilliefors Critical Value	0.0664
613				**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**			
614												
615				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
616					DL/2 Substitution Method						DL/2 Substitution Method	
617					Mean	0.509					Mean	-1.534
618					SD	1.377					SD	1.068
619					95% DL/2 (t) UCL	0.651					95% H-Stat (DL/2) UCL	0.534
620												
621					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
622				**MLE yields a negative mean**							Mean in Log Scale	-1.542
623											SD in Log Scale	1.104
624											Mean in Original Scale	0.506
625											SD in Original Scale	1.365
626											95% Percentile Bootstrap UCL	0.668
627											95% BCA Bootstrap UCL	0.714
628												
629				**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**			
630					k star (bias corrected)	0.61			**Data do not follow a Discernable Distribution (0.05)**			
631					Theta Star	1.043						
632					nu star	217.3						
633												
634					A-D Test Statistic	33.09			**Nonparametric Statistics**			
635					5% A-D Critical Value	0.809					Kaplan-Meier (KM) Method	
636					K-S Test Statistic	0.809					Mean	0.495

637				5% K-S Critical Value	0.0727					SD	1.364	
638	Data not Gamma Distributed at 5% Significance Level									SE of Mean	0.0857	
639										95% KM (t) UCL	0.636	
640	Assuming Gamma Distribution									95% KM (z) UCL	0.636	
641	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	0.636	
642				Minimum	0.00052					95% KM (bootstrap t) UCL	0.724	
643				Maximum	16					95% KM (BCA) UCL	0.668	
644				Mean	0.637					95% KM (Percentile Bootstrap) UCL	0.643	
645				Median	0.181					95% KM (Chebyshev) UCL	0.868	
646				SD	1.35					97.5% KM (Chebyshev) UCL	1.03	
647				k star	0.835					99% KM (Chebyshev) UCL	1.347	
648				Theta star	0.763							
649				Nu star	425.8					Potential UCLs to Use		
650				AppChi2	379					95% KM (Chebyshev) UCL	0.868	
651				95% Gamma Approximate UCL	0.716							
652				95% Adjusted Gamma UCL	0.716							
653	Note: DL/2 is not a recommended method.											
654												
655												
656	Benzo(b)fluoranthene											
657					General Statistics							
658				Number of Valid Data	250					Number of Detected Data	176	
659				Number of Distinct Detected Data	87					Number of Non-Detect Data	74	
660										Percent Non-Detects	29.60%	
661												
662				Raw Statistics						Log-transformed Statistics		
663				Minimum Detected	0.00064					Minimum Detected	-7.354	
664				Maximum Detected	13					Maximum Detected	2.565	
665				Mean of Detected	0.525					Mean of Detected	-1.539	
666				SD of Detected	1.334					SD of Detected	1.143	
667				Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204	
668				Maximum Non-Detect	1.2					Maximum Non-Detect	0.182	
669												
670	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	232	
671	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	18	
672	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	92.80%	
673												
674					UCL Statistics							
675	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
676				Lilliefors Test Statistic	0.439					Lilliefors Test Statistic	0.372	
677				5% Lilliefors Critical Value	0.0668					5% Lilliefors Critical Value	0.0668	
678	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level		
679												
680	Assuming Normal Distribution									Assuming Lognormal Distribution		
681				DL/2 Substitution Method						DL/2 Substitution Method		
682				Mean	0.422					Mean	-1.602	
683				SD	1.13					SD	0.967	
684				95% DL/2 (t) UCL	0.54					95% H-Stat (DL/2) UCL	0.44	
685												
686				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
687	MLE yields a negative mean									Mean in Log Scale	-1.605	
688										SD in Log Scale	1.01	
689										Mean in Original Scale	0.428	

690											SD in Original Scale	1.13
691											95% Percentile Bootstrap UCL	0.562
692											95% BCA Bootstrap UCL	0.585
693												
694	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
695					k star (bias corrected)	0.671	Data do not follow a Discernable Distribution (0.05)					
696					Theta Star	0.783						
697					nu star	236.1						
698												
699					A-D Test Statistic	36.84	Nonparametric Statistics					
700					5% A-D Critical Value	0.803					Kaplan-Meier (KM) Method	
701					K-S Test Statistic	0.803					Mean	0.418
702					5% K-S Critical Value	0.073					SD	1.128
703	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0716
704											95% KM (t) UCL	0.536
705	Assuming Gamma Distribution										95% KM (z) UCL	0.535
706				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.536
707					Minimum	0.00064					95% KM (bootstrap t) UCL	0.612
708					Maximum	13					95% KM (BCA) UCL	0.538
709					Mean	0.525					95% KM (Percentile Bootstrap) UCL	0.544
710					Median	0.181					95% KM (Chebyshev) UCL	0.73
711					SD	1.118					97.5% KM (Chebyshev) UCL	0.865
712					k star	0.915					99% KM (Chebyshev) UCL	1.13
713					Theta star	0.574						
714					Nu star	457.7	Potential UCLs to Use					
715					AppChi2	409.1					95% KM (Chebyshev) UCL	0.73
716					95% Gamma Approximate UCL	0.588						
717					95% Adjusted Gamma UCL	0.588						
718	Note: DL/2 is not a recommended method.											
719												
720												
721	Benzo(k)fluoranthene											
722	General Statistics											
723					Number of Valid Data	250					Number of Detected Data	176
724					Number of Distinct Detected Data	87					Number of Non-Detect Data	74
725											Percent Non-Detects	29.60%
726												
727	Raw Statistics						Log-transformed Statistics					
728					Minimum Detected	0.00032					Minimum Detected	-8.047
729					Maximum Detected	4.44					Maximum Detected	1.491
730					Mean of Detected	0.438					Mean of Detected	-1.63
731					SD of Detected	0.799					SD of Detected	1.262
732					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
733					Maximum Non-Detect	1.2					Maximum Non-Detect	0.182
734												
735	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	232
736	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	18
737	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	92.80%
738												
739	UCL Statistics											
740	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
741					Lilliefors Test Statistic	0.462					Lilliefors Test Statistic	0.355
742					5% Lilliefors Critical Value	0.0668					5% Lilliefors Critical Value	0.0668

	A	B	C	D	E	F	G	H	I	J	K	L
743	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
744												
745	Assuming Normal Distribution						Assuming Lognormal Distribution					
746					DL/2 Substitution Method						DL/2 Substitution Method	
747					Mean	0.361					Mean	-1.666
748					SD	0.681					SD	1.063
749					95% DL/2 (t) UCL	0.432					95% H-Stat (DL/2) UCL	0.464
750												
751					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
752					MLE yields a negative mean						Mean in Log Scale	-1.701
753											SD in Log Scale	1.116
754											Mean in Original Scale	0.363
755											SD in Original Scale	0.683
756											95% Percentile Bootstrap UCL	0.435
757											95% BCA Bootstrap UCL	0.447
758												
759	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
760					k star (bias corrected)	0.736	Data do not follow a Discernable Distribution (0.05)					
761					Theta Star	0.595						
762					nu star	259.2						
763												
764					A-D Test Statistic	34.18	Nonparametric Statistics					
765					5% A-D Critical Value	0.796					Kaplan-Meier (KM) Method	
766					K-S Test Statistic	0.796					Mean	0.355
767					5% K-S Critical Value	0.0726					SD	0.681
768	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.0432
769											95% KM (t) UCL	0.427
770	Assuming Gamma Distribution										95% KM (z) UCL	0.427
771					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.427
772					Minimum	0.00032					95% KM (bootstrap t) UCL	0.442
773					Maximum	4.44					95% KM (BCA) UCL	0.431
774					Mean	0.438					95% KM (Percentile Bootstrap) UCL	0.429
775					Median	0.18					95% KM (Chebyshev) UCL	0.544
776					SD	0.67					97.5% KM (Chebyshev) UCL	0.626
777					k star	1.008					99% KM (Chebyshev) UCL	0.786
778					Theta star	0.434						
779					Nu star	503.9	Potential UCLs to Use					
780					AppChi2	452.9					95% KM (Chebyshev) UCL	0.544
781					95% Gamma Approximate UCL	0.487						
782					95% Adjusted Gamma UCL	0.487						
783	Note: DL/2 is not a recommended method.											
784												
785												
786	Chloroform											
787						General Statistics						
788					Number of Valid Data	245					Number of Detected Data	161
789					Number of Distinct Detected Data	30					Number of Non-Detect Data	84
790											Percent Non-Detects	34.29%
791												
792	Raw Statistics						Log-transformed Statistics					
793					Minimum Detected	0.0012					Minimum Detected	-6.725
794					Maximum Detected	0.297					Maximum Detected	-1.214
795					Mean of Detected	0.0254					Mean of Detected	-3.893

796				SD of Detected	0.0298					SD of Detected	0.601	
797				Minimum Non-Detect	0.00005					Minimum Non-Detect	-9.903	
798				Maximum Non-Detect	0.29					Maximum Non-Detect	-1.238	
799												
800	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	244	
801	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1	
802	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	99.59%	
803												
804	**UCL Statistics**											
805	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
806				Lilliefors Test Statistic	0.394					Lilliefors Test Statistic	0.26	
807				5% Lilliefors Critical Value	0.0698					5% Lilliefors Critical Value	0.0698	
808	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
809												
810	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
811				DL/2 Substitution Method						DL/2 Substitution Method		
812				Mean	0.0259					Mean	-3.987	
813				SD	0.0267					SD	1.2	
814				95% DL/2 (t) UCL	0.0288					95% H-Stat (DL/2) UCL	0.0639	
815												
816				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
817	**MLE method failed to converge properly**									Mean in Log Scale	-3.979	
818										SD in Log Scale	0.609	
819										Mean in Original Scale	0.0231	
820										SD in Original Scale	0.0252	
821										95% Percentile Bootstrap UCL	0.0261	
822										95% BCA Bootstrap UCL	0.0271	
823												
824	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
825				k star (bias corrected)	2.4		**Data do not follow a Discernable Distribution (0.05)**					
826				Theta Star	0.0106							
827				nu star	772.8							
828												
829				A-D Test Statistic	13.93		**Nonparametric Statistics**					
830				5% A-D Critical Value	0.763					Kaplan-Meier (KM) Method		
831				K-S Test Statistic	0.763					Mean	0.0228	
832				5% K-S Critical Value	0.0745					SD	0.0252	
833	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.00167	
834										95% KM (t) UCL	0.0256	
835	**Assuming Gamma Distribution**									95% KM (z) UCL	0.0256	
836				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0254	
837				Minimum	1E-09					95% KM (bootstrap t) UCL	0.0275	
838				Maximum	0.297					95% KM (BCA) UCL	0.0266	
839				Mean	0.0246					95% KM (Percentile Bootstrap) UCL	0.0258	
840				Median	0.027					95% KM (Chebyshev) UCL	0.0301	
841				SD	0.0256					97.5% KM (Chebyshev) UCL	0.0332	
842				k star	0.691					99% KM (Chebyshev) UCL	0.0394	
843				Theta star	0.0356							
844				Nu star	338.4		**Potential UCLs to Use**					
845				AppChi2	296.7					95% KM (BCA) UCL	0.0266	
846				95% Gamma Approximate UCL	0.028							
847				95% Adjusted Gamma UCL	0.0281							
848	**Note: DL/2 is not a recommended method.**											

849												
850												
851	**Chromium**											
852						**General Statistics**						
853					Number of Valid Observations	17				Number of Distinct Observations	16	
854												
855				**Raw Statistics**						**Log-transformed Statistics**		
856					Minimum	0.57				Minimum of Log Data	-0.562	
857					Maximum	54				Maximum of Log Data	3.989	
858					Mean	6.589				Mean of log Data	1.28	
859					Median	3				SD of log Data	0.927	
860					SD	12.45						
861					Coefficient of Variation	1.889						
862					Skewness	3.884						
863												
864						**Relevant UCL Statistics**						
865				**Normal Distribution Test**						**Lognormal Distribution Test**		
866					Shapiro Wilk Test Statistic	0.402				Shapiro Wilk Test Statistic	0.819	
867					Shapiro Wilk Critical Value	0.892				Shapiro Wilk Critical Value	0.892	
868				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
869												
870				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
871					95% Student's-t UCL	11.86				95% H-UCL	10.02	
872				**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL	11.07	
873					95% Adjusted-CLT UCL	14.59				97.5% Chebyshev (MVUE) UCL	13.55	
874					95% Modified-t UCL	12.33				99% Chebyshev (MVUE) UCL	18.42	
875												
876				**Gamma Distribution Test**						**Data Distribution**		
877					k star (bias corrected)	0.828				**Data do not follow a Discernable Distribution (0.05)**		
878					Theta Star	7.956						
879					MLE of Mean	6.589						
880					MLE of Standard Deviation	7.241						
881					nu star	28.16						
882					Approximate Chi Square Value (.05)	17.05				**Nonparametric Statistics**		
883					Adjusted Level of Significance	0.0346				95% CLT UCL	11.56	
884					Adjusted Chi Square Value	16.15				95% Jackknife UCL	11.86	
885										95% Standard Bootstrap UCL	11.34	
886					Anderson-Darling Test Statistic	2.388				95% Bootstrap-t UCL	37.5	
887					Anderson-Darling 5% Critical Value	0.768				95% Hall's Bootstrap UCL	30.2	
888					Kolmogorov-Smirnov Test Statistic	0.33				95% Percentile Bootstrap UCL	12.46	
889					Kolmogorov-Smirnov 5% Critical Value	0.215				95% BCA Bootstrap UCL	15.82	
890				**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	19.75	
891										97.5% Chebyshev(Mean, Sd) UCL	25.44	
892				**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	36.63	
893					95% Approximate Gamma UCL	10.88						
894					95% Adjusted Gamma UCL	11.49						
895												
896				**Potential UCL to Use**						Use 95% Chebyshev (Mean, Sd) UCL	19.75	
897												
898												
899	**Chrysene**											
900						**General Statistics**						
901					Number of Valid Data	255				Number of Detected Data	181	

902				Number of Distinct Detected Data		98					Number of Non-Detect Data	74
903											Percent Non-Detects	29.02%
904												
905				**Raw Statistics**							**Log-transformed Statistics**	
906				Minimum Detected		0.00041					Minimum Detected	-7.799
907				Maximum Detected		59.3					Maximum Detected	4.083
908				Mean of Detected		1.08					Mean of Detected	-1.406
909				SD of Detected		5.072					SD of Detected	1.302
910				Minimum Non-Detect		0.3					Minimum Non-Detect	-1.204
911				Maximum Non-Detect		6.8					Maximum Non-Detect	1.917
912												
913	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	251
914	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	4
915	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.43%
916												
917						**UCL Statistics**							
918				**Normal Distribution Test with Detected Values Only**							**Lognormal Distribution Test with Detected Values Only**	
919				Lilliefors Test Statistic		0.416					Lilliefors Test Statistic	0.34
920				5% Lilliefors Critical Value		0.0659					5% Lilliefors Critical Value	0.0659
921				**Data not Normal at 5% Significance Level**							**Data not Lognormal at 5% Significance Level**	
922												
923				**Assuming Normal Distribution**							**Assuming Lognormal Distribution**	
924				DL/2 Substitution Method							DL/2 Substitution Method	
925				Mean		0.83					Mean	-1.494
926				SD		4.292					SD	1.124
927				95% DL/2 (t) UCL		1.274					95% H-Stat (DL/2) UCL	0.596
928												
929				Maximum Likelihood Estimate(MLE) Method		N/A					Log ROS Method	
930				**MLE yields a negative mean**							Mean in Log Scale	-1.505
931											SD in Log Scale	1.155
932											Mean in Original Scale	0.826
933											SD in Original Scale	4.288
934											95% Percentile Bootstrap UCL	1.326
935											95% BCA Bootstrap UCL	1.57
936												
937				**Gamma Distribution Test with Detected Values Only**							**Data Distribution Test with Detected Values Only**	
938				k star (bias corrected)		0.434					**Data do not follow a Discernable Distribution (0.05)**	
939				Theta Star		2.488						
940				nu star		157.1						
941												
942				A-D Test Statistic		37.34					**Nonparametric Statistics**	
943				5% A-D Critical Value		0.836					Kaplan-Meier (KM) Method	
944				K-S Test Statistic		0.836					Mean	0.815
945				5% K-S Critical Value		0.0731					SD	4.282
946				**Data not Gamma Distributed at 5% Significance Level**							SE of Mean	0.269
947											95% KM (t) UCL	1.259
948				**Assuming Gamma Distribution**							95% KM (z) UCL	1.257
949				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	1.259
950				Minimum		0.00041					95% KM (bootstrap t) UCL	2.329
951				Maximum		59.3					95% KM (BCA) UCL	1.346
952				Mean		1.082					95% KM (Percentile Bootstrap) UCL	1.307
953				Median		0.181					95% KM (Chebyshev) UCL	1.987
954				SD		4.27					97.5% KM (Chebyshev) UCL	2.494

955					k star	0.584				99% KM (Chebyshev) UCL		3.491
956					Theta star	1.854						
957					Nu star	297.7				**Potential UCLs to Use**		
958					AppChi2	258.8				95% KM (Chebyshev) UCL		1.987
959				95% Gamma Approximate UCL		1.245						
960				95% Adjusted Gamma UCL		1.246						
961	**Note: DL/2 is not a recommended method.**											
962												
963												
964	**Cobalt**											
965					**General Statistics**							
966					Number of Valid Data	16				Number of Detected Data		10
967					Number of Distinct Detected Data	10				Number of Non-Detect Data		6
968										Percent Non-Detects		37.50%
969												
970				**Raw Statistics**						**Log-transformed Statistics**		
971					Minimum Detected	0.035				Minimum Detected		-3.352
972					Maximum Detected	2.9				Maximum Detected		1.065
973					Mean of Detected	0.558				Mean of Detected		-1.247
974					SD of Detected	0.85				SD of Detected		1.17
975					Minimum Non-Detect	0.43				Minimum Non-Detect		-0.844
976					Maximum Non-Detect	11				Maximum Non-Detect		2.398
977												
978	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		16
979	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
980	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
981												
982					**UCL Statistics**							
983				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
984					Shapiro Wilk Test Statistic	0.585				Shapiro Wilk Test Statistic		0.965
985					5% Shapiro Wilk Critical Value	0.842				5% Shapiro Wilk Critical Value		0.842
986				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
987												
988				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
989					DL/2 Substitution Method					DL/2 Substitution Method		
990					Mean	1.139				Mean		-0.854
991					SD	1.835				SD		1.392
992					95% DL/2 (t) UCL	1.943				95% H-Stat (DL/2) UCL		3.112
993												
994					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
995				**MLE method failed to converge properly**						Mean in Log Scale		-1.389
996										SD in Log Scale		0.978
997										Mean in Original Scale		0.432
998										SD in Original Scale		0.683
999										95% Percentile Bootstrap UCL		0.744
1000										95% BCA Bootstrap UCL		0.929
1001												
1002				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1003					k star (bias corrected)	0.685				**Data appear Gamma Distributed at 5% Significance Level**		
1004					Theta Star	0.814						
1005					nu star	13.71						
1006												
1007					A-D Test Statistic	0.61				**Nonparametric Statistics**		

1008				5% A-D Critical Value	0.752					Kaplan-Meier (KM) Method		
1009				K-S Test Statistic	0.752					Mean		0.462
1010				5% K-S Critical Value	0.275					SD		0.702
1011				**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean		0.199
1012										95% KM (t) UCL		0.812
1013				**Assuming Gamma Distribution**						95% KM (z) UCL		0.79
1014				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.809
1015				Minimum	0.035					95% KM (bootstrap t) UCL		1.772
1016				Maximum	2.9					95% KM (BCA) UCL		0.823
1017				Mean	0.589					95% KM (Percentile Bootstrap) UCL		0.806
1018				Median	0.415					95% KM (Chebyshev) UCL		1.331
1019				SD	0.687					97.5% KM (Chebyshev) UCL		1.707
1020				k star	1.025					99% KM (Chebyshev) UCL		2.445
1021				Theta star	0.575							
1022				Nu star	32.79					**Potential UCLs to Use**		
1023				AppChi2	20.7					95% KM (BCA) UCL		0.823
1024				95% Gamma Approximate UCL	0.933							
1025				95% Adjusted Gamma UCL	0.985							
1026	**Note: DL/2 is not a recommended method.**											
1027												
1028												
1029	**Dibenzo(a,h)anthracene**											
1030					**General Statistics**							
1031				Number of Valid Data	255					Number of Detected Data		173
1032				Number of Distinct Detected Data	84					Number of Non-Detect Data		82
1033										Percent Non-Detects		32.16%
1034												
1035				**Raw Statistics**						**Log-transformed Statistics**		
1036				Minimum Detected	0.00077					Minimum Detected		-7.169
1037				Maximum Detected	5.5					Maximum Detected		1.705
1038				Mean of Detected	0.415					Mean of Detected		-1.658
1039				SD of Detected	0.866					SD of Detected		1.124
1040				Minimum Non-Detect	0.00028					Minimum Non-Detect		-8.181
1041				Maximum Non-Detect	6.8					Maximum Non-Detect		1.917
1042												
1043	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		255
1044	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
1045	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
1046												
1047					**UCL Statistics**							
1048				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1049				Lilliefors Test Statistic	0.47					Lilliefors Test Statistic		0.362
1050				5% Lilliefors Critical Value	0.0674					5% Lilliefors Critical Value		0.0674
1051				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1052												
1053				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1054				DL/2 Substitution Method						DL/2 Substitution Method		
1055				Mean	0.35					Mean		-1.705
1056				SD	0.747					SD		1.05
1057				95% DL/2 (t) UCL	0.427					95% H-Stat (DL/2) UCL		0.44
1058												
1059				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1060				**MLE method failed to converge properly**						Mean in Log Scale		-1.728

1061											SD in Log Scale	0.993
1062											Mean in Original Scale	0.34
1063											SD in Original Scale	0.723
1064											95% Percentile Bootstrap UCL	0.421
1065											95% BCA Bootstrap UCL	0.433
1066												
1067	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1068					k star (bias corrected)	0.757	**Data do not follow a Discernable Distribution (0.05)**					
1069					Theta Star	0.548						
1070					nu star	262						
1071												
1072					A-D Test Statistic	37.21	**Nonparametric Statistics**					
1073					5% A-D Critical Value	0.795	Kaplan-Meier (KM) Method					
1074					K-S Test Statistic	0.795	Mean					0.333
1075					5% K-S Critical Value	0.0734	SD					0.723
1076	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					0.0455
1077							95% KM (t) UCL					0.408
1078	**Assuming Gamma Distribution**						95% KM (z) UCL					0.407
1079	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.408
1080					Minimum	0.00077	95% KM (bootstrap t) UCL					0.433
1081					Maximum	5.5	95% KM (BCA) UCL					0.416
1082					Mean	0.415	95% KM (Percentile Bootstrap) UCL					0.404
1083					Median	0.18	95% KM (Chebyshev) UCL					0.531
1084					SD	0.713	97.5% KM (Chebyshev) UCL					0.617
1085					k star	1.072	99% KM (Chebyshev) UCL					0.786
1086					Theta star	0.387						
1087					Nu star	546.7	**Potential UCLs to Use**					
1088					AppChi2	493.5	95% KM (Chebyshev) UCL					0.531
1089					95% Gamma Approximate UCL	0.46						
1090					95% Adjusted Gamma UCL	0.46						
1091	**Note: DL/2 is not a recommended method.**											
1092												
1093												
1094	**Indeno(1,2,3-cd)pyrene**											
1095	**General Statistics**											
1096					Number of Valid Data	255	Number of Detected Data					175
1097					Number of Distinct Detected Data	85	Number of Non-Detect Data					80
1098							Percent Non-Detects					31.37%
1099												
1100	**Raw Statistics**						**Log-transformed Statistics**					
1101					Minimum Detected	0.00028	Minimum Detected					-8.181
1102					Maximum Detected	6	Maximum Detected					1.792
1103					Mean of Detected	0.423	Mean of Detected					-1.637
1104					SD of Detected	0.881	SD of Detected					1.152
1105					Minimum Non-Detect	0.3	Minimum Non-Detect					-1.204
1106					Maximum Non-Detect	6.8	Maximum Non-Detect					1.917
1107												
1108	Note: Data have multiple DLs - Use of KM Method is recommended						Number treated as Non-Detect					255
1109	For all methods (except KM, DL/2, and ROS Methods),						Number treated as Detected					0
1110	Observations < Largest ND are treated as NDs						Single DL Non-Detect Percentage					100.00%
1111												
1112	**UCL Statistics**											
1113	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					

1114				Lilliefors Test Statistic	0.465					Lilliefors Test Statistic		0.36
1115				5% Lilliefors Critical Value	0.067					5% Lilliefors Critical Value		0.067
1116	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
1117												
1118	Assuming Normal Distribution						Assuming Lognormal Distribution					
1119				DL/2 Substitution Method						DL/2 Substitution Method		
1120				Mean	0.358					Mean		-1.662
1121				SD	0.763					SD		0.976
1122				95% DL/2 (t) UCL	0.437					95% H-Stat (DL/2) UCL		0.426
1123												
1124				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1125	MLE method failed to converge properly									Mean in Log Scale		-1.695
1126										SD in Log Scale		1.007
1127										Mean in Original Scale		0.349
1128										SD in Original Scale		0.74
1129										95% Percentile Bootstrap UCL		0.428
1130										95% BCA Bootstrap UCL		0.444
1131												
1132	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1133				k star (bias corrected)	0.759		Data do not follow a Discernable Distribution (0.05)					
1134				Theta Star	0.557							
1135				nu star	265.6							
1136												
1137				A-D Test Statistic	37.74		Nonparametric Statistics					
1138				5% A-D Critical Value	0.795					Kaplan-Meier (KM) Method		
1139				K-S Test Statistic	0.795					Mean		0.342
1140				5% K-S Critical Value	0.0728					SD		0.74
1141	Data not Gamma Distributed at 5% Significance Level									SE of Mean		0.0466
1142										95% KM (t) UCL		0.418
1143	Assuming Gamma Distribution									95% KM (z) UCL		0.418
1144				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.418
1145				Minimum	0.00028					95% KM (bootstrap t) UCL		0.45
1146				Maximum	6					95% KM (BCA) UCL		0.423
1147				Mean	0.423					95% KM (Percentile Bootstrap) UCL		0.422
1148				Median	0.18					95% KM (Chebyshev) UCL		0.545
1149				SD	0.73					97.5% KM (Chebyshev) UCL		0.632
1150				k star	1.062					99% KM (Chebyshev) UCL		0.805
1151				Theta star	0.398							
1152				Nu star	541.8		Potential UCLs to Use					
1153				AppChi2	488.8					95% KM (Chebyshev) UCL		0.545
1154				95% Gamma Approximate UCL	0.469							
1155				95% Adjusted Gamma UCL	0.469							
1156	Note: DL/2 is not a recommended method.											
1157												
1158												
1159	Iron											
1160					General Statistics							
1161				Number of Valid Observations	17					Number of Distinct Observations		17
1162												
1163	Raw Statistics						Log-transformed Statistics					
1164				Minimum	194					Minimum of Log Data		5.268
1165				Maximum	15000					Maximum of Log Data		9.616
1166				Mean	3013					Mean of log Data		7.521

1167					Median	1600					SD of log Data	0.993
1168					SD	3749						
1169					Coefficient of Variation	1.244						
1170					Skewness	2.548						
1171												
1172					**Relevant UCL Statistics**							
1173					**Normal Distribution Test**						**Lognormal Distribution Test**	
1174					Shapiro Wilk Test Statistic	0.645					Shapiro Wilk Test Statistic	0.941
1175					Shapiro Wilk Critical Value	0.892					Shapiro Wilk Critical Value	0.892
1176					**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**	
1177												
1178					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
1179					95% Student's-t UCL	4601					95% H-UCL	5852
1180					**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL	6270
1181					95% Adjusted-CLT UCL	5110					97.5% Chebyshev (MVUE) UCL	7726
1182					95% Modified-t UCL	4695					99% Chebyshev (MVUE) UCL	10586
1183												
1184					**Gamma Distribution Test**						**Data Distribution**	
1185					k star (bias corrected)	0.995					**Data appear Lognormal at 5% Significance Level**	
1186					Theta Star	3030						
1187					MLE of Mean	3013						
1188					MLE of Standard Deviation	3021						
1189					nu star	33.82						
1190					Approximate Chi Square Value (.05)	21.52					**Nonparametric Statistics**	
1191					Adjusted Level of Significance	0.0346					95% CLT UCL	4509
1192					Adjusted Chi Square Value	20.49					95% Jackknife UCL	4601
1193											95% Standard Bootstrap UCL	4453
1194					Anderson-Darling Test Statistic	0.937					95% Bootstrap-t UCL	7571
1195					Anderson-Darling 5% Critical Value	0.763					95% Hall's Bootstrap UCL	11192
1196					Kolmogorov-Smirnov Test Statistic	0.235					95% Percentile Bootstrap UCL	4648
1197					Kolmogorov-Smirnov 5% Critical Value	0.214					95% BCA Bootstrap UCL	5245
1198					**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	6977
1199											97.5% Chebyshev(Mean, Sd) UCL	8692
1200					**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	12061
1201					95% Approximate Gamma UCL	4735						
1202					95% Adjusted Gamma UCL	4972						
1203												
1204					**Potential UCL to Use**						Use 95% H-UCL	5852
1205												
1206												
1207	**Lead**											
1208					**General Statistics**							
1209					Number of Valid Data	368					Number of Detected Data	349
1210					Number of Distinct Detected Data	301					Number of Non-Detect Data	19
1211											Percent Non-Detects	5.16%
1212												
1213					**Raw Statistics**						**Log-transformed Statistics**	
1214					Minimum Detected	2.651					Minimum Detected	0.975
1215					Maximum Detected	1210					Maximum Detected	7.098
1216					Mean of Detected	131.3					Mean of Detected	3.898
1217					SD of Detected	191.7					SD of Detected	1.554
1218					Minimum Non-Detect	8					Minimum Non-Detect	2.079
1219					Maximum Non-Detect	20					Maximum Non-Detect	2.996

1220												
1221	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	122
1222	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	246
1223	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	33.15%
1224												
1225	**UCL Statistics**											
1226	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1227	Lilliefors Test Statistic					0.251	Lilliefors Test Statistic					0.0551
1228	5% Lilliefors Critical Value					0.0474	5% Lilliefors Critical Value					0.0474
1229	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1230												
1231	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1232	DL/2 Substitution Method						DL/2 Substitution Method					
1233	Mean					124.8	Mean					3.786
1234	SD					188.7	SD					1.588
1235	95% DL/2 (t) UCL					141	95% H-Stat (DL/2) UCL					198.2
1236												
1237	Maximum Likelihood Estimate(MLE) Method						Log ROS Method					
1238	Mean					68.53	Mean in Log Scale					3.79
1239	SD					248.2	SD in Log Scale					1.583
1240	95% MLE (t) UCL					89.86	Mean in Original Scale					124.8
1241	95% MLE (Tiku) UCL					91.27	SD in Original Scale					188.7
1242							95% Percentile Bootstrap UCL					140.8
1243							95% BCA Bootstrap UCL					142.9
1244												
1245	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1246	k star (bias corrected)					0.623	**Data do not follow a Discernable Distribution (0.05)**					
1247	Theta Star					210.5						
1248	nu star					435.2						
1249												
1250	A-D Test Statistic					3.376	**Nonparametric Statistics**					
1251	5% A-D Critical Value					0.81	Kaplan-Meier (KM) Method					
1252	K-S Test Statistic					0.81	Mean					124.7
1253	5% K-S Critical Value					0.0511	SD					188.5
1254	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					9.84
1255							95% KM (t) UCL					141
1256	**Assuming Gamma Distribution**						95% KM (z) UCL					140.9
1257	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					141
1258	Minimum					1E-09	95% KM (bootstrap t) UCL					144.1
1259	Maximum					1210	95% KM (BCA) UCL					141.9
1260	Mean					124.5	95% KM (Percentile Bootstrap) UCL					140.8
1261	Median					47.9	95% KM (Chebyshev) UCL					167.6
1262	SD					188.9	97.5% KM (Chebyshev) UCL					186.2
1263	k star					0.311	99% KM (Chebyshev) UCL					222.7
1264	Theta star					400.1						
1265	Nu star					229	**Potential UCLs to Use**					
1266	AppChi2					194.9	97.5% KM (Chebyshev) UCL					186.2
1267	95% Gamma Approximate UCL					146.2						
1268	95% Adjusted Gamma UCL					146.3						
1269	**Note: DL/2 is not a recommended method.**											
1270												
1271												
1272	**Manganese**											

1273	General Statistics											
1274	Number of Valid Observations				17		Number of Distinct Observations					17
1275												
1276	Raw Statistics						Log-transformed Statistics					
1277	Minimum				3.27		Minimum of Log Data					1.185
1278	Maximum				84		Maximum of Log Data					4.431
1279	Mean				20.22		Mean of log Data					2.675
1280	Median				14.9		SD of log Data					0.837
1281	SD				19.34							
1282	Coefficient of Variation				0.956							
1283	Skewness				2.452							
1284												
1285	Relevant UCL Statistics											
1286	Normal Distribution Test						Lognormal Distribution Test					
1287	Shapiro Wilk Test Statistic				0.742		Shapiro Wilk Test Statistic					0.988
1288	Shapiro Wilk Critical Value				0.892		Shapiro Wilk Critical Value					0.892
1289	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1290												
1291	Assuming Normal Distribution						Assuming Lognormal Distribution					
1292	95% Student's-t UCL				28.41		95% H-UCL					34.07
1293	95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL					39.2
1294	95% Adjusted-CLT UCL				30.92		97.5% Chebyshev (MVUE) UCL					47.49
1295	95% Modified-t UCL				28.88		99% Chebyshev (MVUE) UCL					63.76
1296												
1297	Gamma Distribution Test						Data Distribution					
1298	k star (bias corrected)				1.399		Data appear Gamma Distributed at 5% Significance Level					
1299	Theta Star				14.45							
1300	MLE of Mean				20.22							
1301	MLE of Standard Deviation				17.1							
1302	nu star				47.58							
1303	Approximate Chi Square Value (.05)				32.75		Nonparametric Statistics					
1304	Adjusted Level of Significance				0.0346		95% CLT UCL					27.94
1305	Adjusted Chi Square Value				31.46		95% Jackknife UCL					28.41
1306							95% Standard Bootstrap UCL					27.55
1307	Anderson-Darling Test Statistic				0.269		95% Bootstrap-t UCL					33.79
1308	Anderson-Darling 5% Critical Value				0.754		95% Hall's Bootstrap UCL					62.34
1309	Kolmogorov-Smirnov Test Statistic				0.115		95% Percentile Bootstrap UCL					28.29
1310	Kolmogorov-Smirnov 5% Critical Value				0.213		95% BCA Bootstrap UCL					31.26
1311	Data appear Gamma Distributed at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL					40.67
1312							97.5% Chebyshev(Mean, Sd) UCL					49.51
1313	Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL					66.89
1314	95% Approximate Gamma UCL				29.38							
1315	95% Adjusted Gamma UCL				30.59							
1316												
1317	Potential UCL to Use						Use 95% Approximate Gamma UCL					29.38
1318												
1319												
1320	Mercury											
1321	General Statistics											
1322	Number of Valid Data				393		Number of Detected Data					333
1323	Number of Distinct Detected Data				228		Number of Non-Detect Data					60
1324							Percent Non-Detects					15.27%
1325												

	A	B	C	D	E	F	G	H	I	J	K	L
1326	**Raw Statistics**						**Log-transformed Statistics**					
1327					Minimum Detected	0.0724					Minimum Detected	-2.626
1328					Maximum Detected	142					Maximum Detected	4.956
1329					Mean of Detected	3.74					Mean of Detected	-0.00111
1330					SD of Detected	11.64					SD of Detected	1.416
1331					Minimum Non-Detect	0.052					Minimum Non-Detect	-2.957
1332					Maximum Non-Detect	0.84					Maximum Non-Detect	-0.174
1333												
1334	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	237
1335	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	156
1336	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	60.31%
1337												
1338	**UCL Statistics**											
1339	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1340					Lilliefors Test Statistic	0.376					Lilliefors Test Statistic	0.195
1341					5% Lilliefors Critical Value	0.0486					5% Lilliefors Critical Value	0.0486
1342	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1343												
1344	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1345					DL/2 Substitution Method						DL/2 Substitution Method	
1346					Mean	3.198					Mean	-0.314
1347					SD	10.79					SD	1.552
1348					95% DL/2 (t) UCL	4.095					95% H-Stat (DL/2) UCL	2.928
1349												
1350					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1351	**MLE yields a negative mean**										Mean in Log Scale	-0.32
1352											SD in Log Scale	1.552
1353											Mean in Original Scale	3.197
1354											SD in Original Scale	10.79
1355											95% Percentile Bootstrap UCL	4.111
1356											95% BCA Bootstrap UCL	4.452
1357												
1358	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1359					k star (bias corrected)	0.481	**Data do not follow a Discernable Distribution (0.05)**					
1360					Theta Star	7.77						
1361					nu star	320.5						
1362												
1363					A-D Test Statistic	27.84	**Nonparametric Statistics**					
1364					5% A-D Critical Value	0.826					Kaplan-Meier (KM) Method	
1365					K-S Test Statistic	0.826					Mean	3.198
1366					5% K-S Critical Value	0.0528					SD	10.77
1367	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.544
1368											95% KM (t) UCL	4.095
1369	**Assuming Gamma Distribution**										95% KM (z) UCL	4.093
1370					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	4.095
1371					Minimum	1E-09					95% KM (bootstrap t) UCL	4.592
1372					Maximum	142					95% KM (BCA) UCL	4.208
1373					Mean	3.195					95% KM (Percentile Bootstrap) UCL	4.18
1374					Median	0.54					95% KM (Chebyshev) UCL	5.571
1375					SD	10.79					97.5% KM (Chebyshev) UCL	6.597
1376					k star	0.201					99% KM (Chebyshev) UCL	8.614
1377					Theta star	15.89						
1378					Nu star	158	**Potential UCLs to Use**					

1379				AppChi2	130					95% KM (Chebyshev) UCL		5.571
1380				95% Gamma Approximate UCL	3.885							
1381				95% Adjusted Gamma UCL	3.888							
1382	**Note: DL/2 is not a recommended method.**											
1383												
1384												
1385	**Naphthalene**											
1386					**General Statistics**							
1387				Number of Valid Data	255					Number of Detected Data		176
1388				Number of Distinct Detected Data	87					Number of Non-Detect Data		79
1389										Percent Non-Detects		30.98%
1390												
1391				**Raw Statistics**						**Log-transformed Statistics**		
1392				Minimum Detected	0.0004					Minimum Detected		-7.824
1393				Maximum Detected	13.9					Maximum Detected		2.632
1394				Mean of Detected	0.413					Mean of Detected		-1.741
1395				SD of Detected	1.24					SD of Detected		1.229
1396				Minimum Non-Detect	0.3					Minimum Non-Detect		-1.204
1397				Maximum Non-Detect	6.8					Maximum Non-Detect		1.917
1398												
1399	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		254
1400	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
1401	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.61%
1402												
1403					**UCL Statistics**							
1404				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1405				Lilliefors Test Statistic	0.433					Lilliefors Test Statistic		0.383
1406				5% Lilliefors Critical Value	0.0668					5% Lilliefors Critical Value		0.0668
1407				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1408												
1409				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1410				DL/2 Substitution Method						DL/2 Substitution Method		
1411				Mean	0.352					Mean		-1.733
1412				SD	1.053					SD		1.041
1413				95% DL/2 (t) UCL	0.461					95% H-Stat (DL/2) UCL		0.428
1414												
1415				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1416				**MLE method failed to converge properly**						Mean in Log Scale		-1.802
1417										SD in Log Scale		1.076
1418										Mean in Original Scale		0.338
1419										SD in Original Scale		1.037
1420										95% Percentile Bootstrap UCL		0.453
1421										95% BCA Bootstrap UCL		0.509
1422												
1423				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1424				k star (bias corrected)	0.696					**Data do not follow a Discernable Distribution (0.05)**		
1425				Theta Star	0.593							
1426				nu star	245.2							
1427												
1428				A-D Test Statistic	35.71					**Nonparametric Statistics**		
1429				5% A-D Critical Value	0.8					Kaplan-Meier (KM) Method		
1430				K-S Test Statistic	0.8					Mean		0.335
1431				5% K-S Critical Value	0.0729					SD		1.035

1432	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.065
1433											95% KM (t) UCL	0.442
1434	Assuming Gamma Distribution										95% KM (z) UCL	0.442
1435	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.442
1436	Minimum	0.0004									95% KM (bootstrap t) UCL	0.55
1437	Maximum	13.9									95% KM (BCA) UCL	0.466
1438	Mean	0.412									95% KM (Percentile Bootstrap) UCL	0.458
1439	Median	0.18									95% KM (Chebyshev) UCL	0.618
1440	SD	1.032									97.5% KM (Chebyshev) UCL	0.741
1441	k star	0.947									99% KM (Chebyshev) UCL	0.982
1442	Theta star	0.436										
1443	Nu star	482.7									Potential UCLs to Use	
1444	AppChi2	432.8									95% KM (Chebyshev) UCL	0.618
1445	95% Gamma Approximate UCL	0.46										
1446	95% Adjusted Gamma UCL	0.46										
1447	Note: DL/2 is not a recommended method.											
1448												
1449												
1450	n-Butylbenzene											
1451	General Statistics											
1452	Number of Valid Data	237									Number of Detected Data	162
1453	Number of Distinct Detected Data	34									Number of Non-Detect Data	75
1454											Percent Non-Detects	31.65%
1455												
1456	Raw Statistics										Log-transformed Statistics	
1457	Minimum Detected	0.01									Minimum Detected	-4.605
1458	Maximum Detected	4.3									Maximum Detected	1.459
1459	Mean of Detected	0.0594									Mean of Detected	-3.753
1460	SD of Detected	0.34									SD of Detected	0.805
1461	Minimum Non-Detect	0.00009									Minimum Non-Detect	-9.316
1462	Maximum Non-Detect	0.07									Maximum Non-Detect	-2.659
1463												
1464	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	227
1465	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	10
1466	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	95.78%
1467												
1468	UCL Statistics											
1469	Normal Distribution Test with Detected Values Only										Lognormal Distribution Test with Detected Values Only	
1470	Lilliefors Test Statistic	0.465									Lilliefors Test Statistic	0.29
1471	5% Lilliefors Critical Value	0.0696									5% Lilliefors Critical Value	0.0696
1472	Data not Normal at 5% Significance Level										Data not Lognormal at 5% Significance Level	
1473												
1474	Assuming Normal Distribution										Assuming Lognormal Distribution	
1475	DL/2 Substitution Method										DL/2 Substitution Method	
1476	Mean	0.0484									Mean	-3.936
1477	SD	0.281									SD	1.354
1478	95% DL/2 (t) UCL	0.0785									95% H-Stat (DL/2) UCL	0.0842
1479												
1480	Maximum Likelihood Estimate(MLE) Method	N/A									Log ROS Method	
1481	MLE yields a negative mean										Mean in Log Scale	-3.862
1482											SD in Log Scale	0.798
1483											Mean in Original Scale	0.0473
1484											SD in Original Scale	0.281

1485											95% Percentile Bootstrap UCL	0.0811
1486											95% BCA Bootstrap UCL	0.116
1487												
1488				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
1489						k star (bias corrected)	0.648				Data do not follow a Discernable Distribution (0.05)	
1490						Theta Star	0.0916					
1491						nu star	210.1					
1492												
1493						A-D Test Statistic	6.173E+28				Nonparametric Statistics	
1494						5% A-D Critical Value	0.805				Kaplan-Meier (KM) Method	
1495						K-S Test Statistic	0.805				Mean	0.0469
1496						5% K-S Critical Value	0.0769				SD	0.28
1497				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.0183
1498											95% KM (t) UCL	0.077
1499				Assuming Gamma Distribution							95% KM (z) UCL	0.0769
1500						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.077
1501						Minimum	0.01				95% KM (bootstrap t) UCL	0.231
1502						Maximum	4.3				95% KM (BCA) UCL	0.0852
1503						Mean	0.06				95% KM (Percentile Bootstrap) UCL	0.0826
1504						Median	0.029				95% KM (Chebyshev) UCL	0.127
1505						SD	0.281				97.5% KM (Chebyshev) UCL	0.161
1506						k star	0.899				99% KM (Chebyshev) UCL	0.229
1507						Theta star	0.0668					
1508						Nu star	426.1				Potential UCLs to Use	
1509						AppChi2	379.3				95% KM (BCA) UCL	0.0852
1510						95% Gamma Approximate UCL	0.0674					
1511						95% Adjusted Gamma UCL	0.0675					
1512	Note: DL/2 is not a recommended method.											
1513												
1514												
1515	Tetrachloroethene											
1516							General Statistics					
1517						Number of Valid Data	245				Number of Detected Data	159
1518						Number of Distinct Detected Data	26				Number of Non-Detect Data	86
1519											Percent Non-Detects	35.10%
1520												
1521				Raw Statistics							Log-transformed Statistics	
1522						Minimum Detected	0.00057				Minimum Detected	-7.47
1523						Maximum Detected	0.06				Maximum Detected	-2.814
1524						Mean of Detected	0.022				Mean of Detected	-3.932
1525						SD of Detected	0.00905				SD of Detected	0.547
1526						Minimum Non-Detect	0.00013				Minimum Non-Detect	-8.948
1527						Maximum Non-Detect	0.29				Maximum Non-Detect	-1.238
1528												
1529	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	245
1530	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1531	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1532												
1533							UCL Statistics					
1534				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
1535						Lilliefors Test Statistic	0.267				Lilliefors Test Statistic	0.301
1536						5% Lilliefors Critical Value	0.0703				5% Lilliefors Critical Value	0.0703
1537				Data not Normal at 5% Significance Level							Data not Lognormal at 5% Significance Level	

1538												
1539	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1540				DL/2 Substitution Method						DL/2 Substitution Method		
1541				Mean	0.0236					Mean		-4.033
1542				SD	0.0139					SD		1.155
1543				95% DL/2 (t) UCL	0.025					95% H-Stat (DL/2) UCL		0.0585
1544												
1545				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1546	**MLE method failed to converge properly**									Mean in Log Scale		-4.012
1547										SD in Log Scale		0.55
1548										Mean in Original Scale		0.0205
1549										SD in Original Scale		0.00937
1550										95% Percentile Bootstrap UCL		0.0215
1551										95% BCA Bootstrap UCL		0.0215
1552												
1553	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1554				k star (bias corrected)	4.439		**Data do not follow a Discernable Distribution (0.05)**					
1555				Theta Star	0.00496							
1556				nu star	1412							
1557												
1558				A-D Test Statistic	16.65		**Nonparametric Statistics**					
1559				5% A-D Critical Value	0.756					Kaplan-Meier (KM) Method		
1560				K-S Test Statistic	0.756					Mean		0.0203
1561				5% K-S Critical Value	0.0744					SD		0.0102
1562	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean		0.0007718
1563										95% KM (t) UCL		0.0216
1564	**Assuming Gamma Distribution**									95% KM (z) UCL		0.0216
1565				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.0215
1566				Minimum	0.0005217					95% KM (bootstrap t) UCL		0.0215
1567				Maximum	0.06					95% KM (BCA) UCL		0.022
1568				Mean	0.0213					95% KM (Percentile Bootstrap) UCL		0.0219
1569				Median	0.026					95% KM (Chebyshev) UCL		0.0237
1570				SD	0.0093					97.5% KM (Chebyshev) UCL		0.0251
1571				k star	3.382					99% KM (Chebyshev) UCL		0.028
1572				Theta star	0.00631							
1573				Nu star	1657		**Potential UCLs to Use**					
1574				AppChi2	1563					95% KM (BCA) UCL		0.022
1575				95% Gamma Approximate UCL	0.0226							
1576				95% Adjusted Gamma UCL	0.0226							
1577	**Note: DL/2 is not a recommended method.**											
1578												
1579												
1580	**Vanadium**											
1581	**General Statistics**											
1582				Number of Valid Data	21					Number of Detected Data		15
1583				Number of Distinct Detected Data	15					Number of Non-Detect Data		6
1584										Percent Non-Detects		28.57%
1585												
1586	**Raw Statistics**						**Log-transformed Statistics**					
1587				Minimum Detected	0.56					Minimum Detected		-0.58
1588				Maximum Detected	13					Maximum Detected		2.565
1589				Mean of Detected	5.681					Mean of Detected		1.498
1590				SD of Detected	3.755					SD of Detected		0.791

	A	B	C	D	E	F	G	H	I	J	K	L
1591					Minimum Non-Detect	3					Minimum Non-Detect	1.099
1592					Maximum Non-Detect	11					Maximum Non-Detect	2.398
1593												
1594	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	19
1595	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	2
1596	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	90.48%
1597												
1598	**UCL Statistics**											
1599	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1600					Shapiro Wilk Test Statistic	0.874					Shapiro Wilk Test Statistic	0.893
1601					5% Shapiro Wilk Critical Value	0.881					5% Shapiro Wilk Critical Value	0.881
1602	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1603												
1604	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1605					DL/2 Substitution Method						DL/2 Substitution Method	
1606					Mean	5.13					Mean	1.409
1607					SD	3.393					SD	0.744
1608					95% DL/2 (t) UCL	6.407					95% H-Stat (DL/2) UCL	6.57
1609												
1610					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1611	**MLE method failed to converge properly**										Mean in Log Scale	1.336
1612											SD in Log Scale	0.743
1613											Mean in Original Scale	4.837
1614											SD in Original Scale	3.473
1615											95% Percentile Bootstrap UCL	6.094
1616											95% BCA Bootstrap UCL	6.414
1617												
1618	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1619					k star (bias corrected)	1.841	**Data appear Gamma Distributed at 5% Significance Level**					
1620					Theta Star	3.085						
1621					nu star	55.24						
1622												
1623					A-D Test Statistic	0.539	**Nonparametric Statistics**					
1624					5% A-D Critical Value	0.746					Kaplan-Meier (KM) Method	
1625					K-S Test Statistic	0.746					Mean	4.961
1626					5% K-S Critical Value	0.224					SD	3.452
1627	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.821
1628											95% KM (t) UCL	6.377
1629	**Assuming Gamma Distribution**										95% KM (z) UCL	6.312
1630					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	6.387
1631					Minimum	0.56					95% KM (bootstrap t) UCL	6.775
1632					Maximum	13					95% KM (BCA) UCL	6.333
1633					Mean	5.513					95% KM (Percentile Bootstrap) UCL	6.32
1634					Median	4.46					95% KM (Chebyshev) UCL	8.541
1635					SD	3.298					97.5% KM (Chebyshev) UCL	10.09
1636					k star	2.393					99% KM (Chebyshev) UCL	13.13
1637					Theta star	2.304						
1638					Nu star	100.5	**Potential UCLs to Use**					
1639					AppChi2	78.37					95% KM (Percentile Bootstrap) UCL	6.32
1640					95% Gamma Approximate UCL	7.07						
1641					95% Adjusted Gamma UCL	7.208						
1642	**Note: DL/2 is not a recommended method.**											
1643												

1644												
1645	Zinc											
1646					General Statistics							
1647					Number of Valid Data	21				Number of Detected Data	19	
1648					Number of Distinct Detected Data	19				Number of Non-Detect Data	2	
1649										Percent Non-Detects	9.52%	
1650												
1651					Raw Statistics					Log-transformed Statistics		
1652					Minimum Detected	0.95				Minimum Detected	-0.0513	
1653					Maximum Detected	3960				Maximum Detected	8.284	
1654					Mean of Detected	252.9				Mean of Detected	2.846	
1655					SD of Detected	904.9				SD of Detected	1.988	
1656					Minimum Non-Detect	6				Minimum Non-Detect	1.792	
1657					Maximum Non-Detect	7				Maximum Non-Detect	1.946	
1658												
1659	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	10	
1660	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	11	
1661	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	47.62%	
1662												
1663					UCL Statistics							
1664					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
1665					Shapiro Wilk Test Statistic	0.302				Shapiro Wilk Test Statistic	0.905	
1666					5% Shapiro Wilk Critical Value	0.901				5% Shapiro Wilk Critical Value	0.901	
1667					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
1668												
1669					Assuming Normal Distribution					Assuming Lognormal Distribution		
1670					DL/2 Substitution Method					DL/2 Substitution Method		
1671					Mean	229.2				Mean	2.687	
1672					SD	861.8				SD	1.952	
1673					95% DL/2 (t) UCL	553.5				95% H-Stat (DL/2) UCL	378.9	
1674												
1675					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1676					MLE yields a negative mean					Mean in Log Scale	2.671	
1677										SD in Log Scale	1.966	
1678										Mean in Original Scale	229.1	
1679										SD in Original Scale	861.8	
1680										95% Percentile Bootstrap UCL	590.7	
1681										95% BCA Bootstrap UCL	792.6	
1682												
1683					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
1684					k star (bias corrected)	0.256				Data appear Lognormal at 5% Significance Level		
1685					Theta Star	988.3						
1686					nu star	9.726						
1687												
1688					A-D Test Statistic	2.813				Nonparametric Statistics		
1689					5% A-D Critical Value	0.86				Kaplan-Meier (KM) Method		
1690					K-S Test Statistic	0.86				Mean	229.2	
1691					5% K-S Critical Value	0.217				SD	841	
1692					Data not Gamma Distributed at 5% Significance Level					SE of Mean	188.5	
1693										95% KM (t) UCL	554.4	
1694					Assuming Gamma Distribution					95% KM (z) UCL	539.3	
1695					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	553.5	
1696					Minimum	1E-09				95% KM (bootstrap t) UCL	9401	

	A	B	C	D	E	F	G	H	I	J	K	L
1697					Maximum	3960				95% KM (BCA) UCL		606.5
1698					Mean	228.9				95% KM (Percentile Bootstrap) UCL		600.7
1699					Median	7.3				95% KM (Chebyshev) UCL		1051
1700					SD	861.8				97.5% KM (Chebyshev) UCL		1407
1701					k star	0.167				99% KM (Chebyshev) UCL		2105
1702					Theta star	1370						
1703					Nu star	7.017			**Potential UCLs to Use**			
1704					AppChi2	2.18				99% KM (Chebyshev) UCL		2105
1705				95% Gamma Approximate UCL		736.7						
1706				95% Adjusted Gamma UCL		811.6						
1707	**Note: DL/2 is not a recommended method.**											
1708												

1				General UCL Statistics for Data Sets with Non-Detects								
2			User Selected Options									
3			From File	C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Industrial Files\ProUCL_Inpu								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8	Arsenic											
9												
10						General Statistics						
11						Number of Valid Data	3			Number of Detected Data	2	
12						Number of Distinct Detected Data	2			Number of Non-Detect Data	1	
13										Percent Non-Detects	33.33%	
14												
15						Warning: This data set only has 3 observations!						
16						Data set is too small to compute reliable and meaningful statistics and estimates!						
17						The data set for variable Arsenic was not processed!						
18												
19						It is suggested to collect at least 8 to 10 observations before using these statistical methods!						
20						If possible, compute and collect Data Quality Objectives (DQO) based sample size and analytical results.						
21												
22												
23	Benzo(a)anthracene											
24												
25						General Statistics						
26						Number of Valid Data	14			Number of Detected Data	6	
27						Number of Distinct Detected Data	6			Number of Non-Detect Data	8	
28										Percent Non-Detects	57.14%	
29												
30						Raw Statistics				Log-transformed Statistics		
31						Minimum Detected	0.026			Minimum Detected	-3.65	
32						Maximum Detected	0.92			Maximum Detected	-0.0834	
33						Mean of Detected	0.39			Mean of Detected	-1.708	
34						SD of Detected	0.396			SD of Detected	1.539	
35						Minimum Non-Detect	0.33			Minimum Non-Detect	-1.109	
36						Maximum Non-Detect	0.39			Maximum Non-Detect	-0.942	
37												
38	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	11	
39	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	3	
40	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	78.57%	
41												
42						Warning: There are only 6 Detected Values in this data						
43						Note: It should be noted that even though bootstrap may be performed on this data set						
44						the resulting calculations may not be reliable enough to draw conclusions						
45												
46						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
47												
48						UCL Statistics						
49						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
50						Shapiro Wilk Test Statistic	0.84			Shapiro Wilk Test Statistic	0.859	
51						5% Shapiro Wilk Critical Value	0.788			5% Shapiro Wilk Critical Value	0.788	
52						Data appear Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level		
53												

54	**Assuming Normal Distribution**							**Assuming Lognormal Distribution**				
55				DL/2 Substitution Method							DL/2 Substitution Method	
56				Mean	0.266						Mean	-1.733
57				SD	0.27						SD	0.956
58				95% DL/2 (t) UCL	0.394						95% H-Stat (DL/2) UCL	0.583
59												
60				Maximum Likelihood Estimate(MLE) Method							Log ROS Method	
61				Mean	0.747						Mean in Log Scale	-2.412
62				SD	0.174						SD in Log Scale	1.224
63				95% MLE (t) UCL	0.829						Mean in Original Scale	0.202
64				95% MLE (Tiku) UCL	0.923						SD in Original Scale	0.299
65											95% Percentile Bootstrap UCL	0.338
66											95% BCA Bootstrap UCL	0.378
67												
68	**Gamma Distribution Test with Detected Values Only**							**Data Distribution Test with Detected Values Only**				
69				k star (bias corrected)	0.5			**Data appear Normal at 5% Significance Level**				
70				Theta Star	0.781							
71				nu star	5.996							
72												
73				A-D Test Statistic	0.533			**Nonparametric Statistics**				
74				5% A-D Critical Value	0.72						Kaplan-Meier (KM) Method	
75				K-S Test Statistic	0.72						Mean	0.196
76				5% K-S Critical Value	0.343						SD	0.291
77	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.0854
78											95% KM (t) UCL	0.347
79				**Assuming Gamma Distribution**							95% KM (z) UCL	0.336
80				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.34
81				Minimum	0.026						95% KM (bootstrap t) UCL	0.446
82				Maximum	0.92						95% KM (BCA) UCL	0.417
83				Mean	0.387						95% KM (Percentile Bootstrap) UCL	0.376
84				Median	0.388						95% KM (Chebyshev) UCL	0.568
85				SD	0.247						97.5% KM (Chebyshev) UCL	0.729
86				k star	1.353						99% KM (Chebyshev) UCL	1.046
87				Theta star	0.286							
88				Nu star	37.89						**Potential UCLs to Use**	
89				AppChi2	24.8						95% KM (t) UCL	0.347
90				95% Gamma Approximate UCL	0.591						95% KM (Percentile Bootstrap) UCL	0.376
91				95% Adjusted Gamma UCL	0.626							
92	**Note: DL/2 is not a recommended method.**											
93												
94												
95	**Benzo(a)pyrene**											
96												
97						**General Statistics**							
98				Number of Valid Data	14						Number of Detected Data	5
99				Number of Distinct Detected Data	5						Number of Non-Detect Data	9
100											Percent Non-Detects	64.29%
101												
102				**Raw Statistics**							**Log-transformed Statistics**	
103				Minimum Detected	0.029						Minimum Detected	-3.54
104				Maximum Detected	1.37						Maximum Detected	0.315
105				Mean of Detected	0.577						Mean of Detected	-1.628
106				SD of Detected	0.71						SD of Detected	1.805

107				Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109	
108				Maximum Non-Detect	0.39					Maximum Non-Detect	-0.942	
109												
110	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	12	
111	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	2	
112	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	85.71%	
113												
114	**Warning: There are only 5 Detected Values in this data**											
115	**Note: It should be noted that even though bootstrap may be performed on this data set**											
116	**the resulting calculations may not be reliable enough to draw conclusions**											
117												
118	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
119												
120	**UCL Statistics**											
121	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
122				Shapiro Wilk Test Statistic	0.71					Shapiro Wilk Test Statistic	0.82	
123				5% Shapiro Wilk Critical Value	0.762					5% Shapiro Wilk Critical Value	0.762	
124	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**		
125												
126	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
127				DL/2 Substitution Method						DL/2 Substitution Method		
128				Mean	0.317					Mean	-1.711	
129				SD	0.442					SD	1.004	
130				95% DL/2 (t) UCL	0.527					95% H-Stat (DL/2) UCL	0.572	
131												
132				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
133	**MLE method failed to converge properly**									Mean in Log Scale	-2.366	
134										SD in Log Scale	1.3	
135										Mean in Original Scale	0.257	
136										SD in Original Scale	0.468	
137										95% Percentile Bootstrap UCL	0.447	
138										95% BCA Bootstrap UCL	0.537	
139												
140	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
141				k star (bias corrected)	0.364					**Data appear Gamma Distributed at 5% Significance Level**		
142				Theta Star	1.587							
143				nu star	3.638							
144												
145				A-D Test Statistic	0.683					**Nonparametric Statistics**		
146				5% A-D Critical Value	0.707					Kaplan-Meier (KM) Method		
147				K-S Test Statistic	0.707					Mean	0.244	
148				5% K-S Critical Value	0.37					SD	0.454	
149	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.136	
150										95% KM (t) UCL	0.485	
151	**Assuming Gamma Distribution**									95% KM (z) UCL	0.468	
152				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.468	
153				Minimum	1E-09					95% KM (bootstrap t) UCL	2.469	
154				Maximum	1.37					95% KM (BCA) UCL	0.622	
155				Mean	0.531					95% KM (Percentile Bootstrap) UCL	0.523	
156				Median	0.553					95% KM (Chebyshev) UCL	0.837	
157				SD	0.444					97.5% KM (Chebyshev) UCL	1.094	
158				k star	0.34					99% KM (Chebyshev) UCL	1.598	
159				Theta star	1.56							

160					Nu star	9.523	**Potential UCLs to Use**					
161					AppChi2	3.646					95% KM (t) UCL	0.485
162				95% Gamma Approximate UCL		1.386						
163				95% Adjusted Gamma UCL		1.59						
164	**Note: DL/2 is not a recommended method.**											
165												
166												
167	**Benzo(b)fluoranthene**											
168												
169	**General Statistics**											
170				Number of Valid Data		14					Number of Detected Data	5
171				Number of Distinct Detected Data		5					Number of Non-Detect Data	9
172											Percent Non-Detects	64.29%
173												
174	**Raw Statistics**						**Log-transformed Statistics**					
175				Minimum Detected		0.051					Minimum Detected	-2.976
176				Maximum Detected		2.18					Maximum Detected	0.779
177				Mean of Detected		0.876					Mean of Detected	-0.899
178				SD of Detected		0.904					SD of Detected	1.625
179				Minimum Non-Detect		0.33					Minimum Non-Detect	-1.109
180				Maximum Non-Detect		0.39					Maximum Non-Detect	-0.942
181												
182	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	11
183	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
184	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	78.57%
185												
186	**Warning: There are only 5 Detected Values in this data**											
187	**Note: It should be noted that even though bootstrap may be performed on this data set**											
188	**the resulting calculations may not be reliable enough to draw conclusions**											
189												
190	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
191												
192	**UCL Statistics**											
193	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
194				Shapiro Wilk Test Statistic		0.907					Shapiro Wilk Test Statistic	0.913
195				5% Shapiro Wilk Critical Value		0.762					5% Shapiro Wilk Critical Value	0.762
196	**Data appear Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
197												
198	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
199				DL/2 Substitution Method							DL/2 Substitution Method	
200				Mean		0.425					Mean	-1.447
201				SD		0.611					SD	0.997
202				95% DL/2 (t) UCL		0.714					95% H-Stat (DL/2) UCL	0.655
203												
204				Maximum Likelihood Estimate(MLE) Method							Log ROS Method	
205				Mean		1.501					Mean in Log Scale	-1.959
206				SD		0.621					SD in Log Scale	1.31
207				95% MLE (t) UCL		1.795					Mean in Original Scale	0.372
208				95% MLE (Tiku) UCL		2.126					SD in Original Scale	0.637
209											95% Percentile Bootstrap UCL	0.655
210											95% BCA Bootstrap UCL	0.787
211												
212	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					

213				k star (bias corrected)		0.444		Data appear Normal at 5% Significance Level				
214				Theta Star		1.974						
215				nu star		4.439						
216												
217				A-D Test Statistic		0.291		Nonparametric Statistics				
218				5% A-D Critical Value		0.698		Kaplan-Meier (KM) Method				
219				K-S Test Statistic		0.698		Mean				0.365
220				5% K-S Critical Value		0.366		SD				0.616
221			Data appear Gamma Distributed at 5% Significance Level					SE of Mean				0.185
222								95% KM (t) UCL				0.692
223			Assuming Gamma Distribution					95% KM (z) UCL				0.669
224			Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL				0.672
225				Minimum		0.051		95% KM (bootstrap t) UCL				0.929
226				Maximum		2.18		95% KM (BCA) UCL				1.437
227				Mean		0.903		95% KM (Percentile Bootstrap) UCL				0.98
228				Median		0.893		95% KM (Chebyshev) UCL				1.17
229				SD		0.515		97.5% KM (Chebyshev) UCL				1.519
230				k star		1.564		99% KM (Chebyshev) UCL				2.203
231				Theta star		0.577						
232				Nu star		43.81		Potential UCLs to Use				
233				AppChi2		29.63		95% KM (t) UCL				0.692
234				95% Gamma Approximate UCL		1.335		95% KM (Percentile Bootstrap) UCL				0.98
235				95% Adjusted Gamma UCL		1.408						
236	Note: DL/2 is not a recommended method.											
237												
238												
239	Chromium											
240												
241					General Statistics							
242				Number of Valid Observations		3		Number of Distinct Observations				3
243												
244												
245					Warning: This data set only has 3 observations!							
246					Data set is too small to compute reliable and meaningful statistics and estimates!							
247					The data set for variable Chromium was not processed!							
248												
249					It is suggested to collect at least 8 to 10 observations before using these statistical methods!							
250					If possible, compute and collect Data Quality Objectives (DQO) based sample size and analytical results.							
251												
252												
253	Dibenzo(a,h)anthracene											
254												
255					General Statistics							
256				Number of Valid Data		14		Number of Detected Data				2
257				Number of Distinct Detected Data		2		Number of Non-Detect Data				12
258								Percent Non-Detects				85.71%
259												
260				Raw Statistics				Log-transformed Statistics				
261				Minimum Detected		0.05		Minimum Detected				-2.996
262				Maximum Detected		0.32		Maximum Detected				-1.139
263				Mean of Detected		0.185		Mean of Detected				-2.068
264				SD of Detected		0.191		SD of Detected				1.313
265				Minimum Non-Detect		0.33		Minimum Non-Detect				-1.109

266				Maximum Non-Detect	0.39					Maximum Non-Detect	-0.942
267												
268	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	14
269	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0
270	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%
271												
272	**Warning: Data set has only 2 Distinct Detected Values.**											
273	**This may not be adequate enough to compute meaningful and reliable test statistics and estimates.**											
274	**The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).**											
275												
276	**Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.**											
277												
278	**The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.**											
279	**Those methods will return a 'N/A' value on your output display!**											
280												
281	**It is necessary to have 4 or more Distinct Values for bootstrap methods.**											
282	**However, results obtained using 4 to 9 distinct values may not be reliable.**											
283	**It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.**											
284												
285	**UCL Statistics**											
286	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
287				Shapiro Wilk Test Statistic	N/A					Shapiro Wilk Test Statistic	N/A
288				5% Shapiro Wilk Critical Value	N/A					5% Shapiro Wilk Critical Value	N/A
289	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
290												
291	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
292				DL/2 Substitution Method						DL/2 Substitution Method		
293				Mean	0.175					Mean	-1.801	
294				SD	0.0539					SD	0.385	
295				95% DL/2 (t) UCL	0.2					95% H-Stat (DL/2) UCL	0.22	
296												
297				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
298	**MLE method failed to converge properly**									Mean in Log Scale	N/A	
299										SD in Log Scale	N/A	
300										Mean in Original Scale	N/A	
301										SD in Original Scale	N/A	
302										95% Percentile Bootstrap UCL	N/A	
303										95% BCA Bootstrap UCL	N/A	
304												
305	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
306				k star (bias corrected)	N/A					**Data do not follow a Discernable Distribution (0.05)**		
307				Theta Star	N/A							
308				nu star	N/A							
309												
310				A-D Test Statistic	N/A					**Nonparametric Statistics**		
311				5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method		
312				K-S Test Statistic	N/A					Mean	0.185	
313				5% K-S Critical Value	N/A					SD	0.135	
314	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	0.135	
315										95% KM (t) UCL	0.424	
316	**Assuming Gamma Distribution**									95% KM (z) UCL	0.407	
317				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.511	
318				Minimum	N/A					95% KM (bootstrap t) UCL	N/A	

319					Maximum	N/A					95% KM (BCA) UCL	0.32
320					Mean	N/A					95% KM (Percentile Bootstrap) UCL	0.32
321					Median	N/A					95% KM (Chebyshev) UCL	0.773
322					SD	N/A					97.5% KM (Chebyshev) UCL	1.028
323					k star	N/A					99% KM (Chebyshev) UCL	1.528
324					Theta star	N/A						
325					Nu star	N/A					**Potential UCLs to Use**	
326					AppChi2	N/A					95% KM (BCA) UCL	0.32
327					95% Gamma Approximate UCL	N/A						
328					95% Adjusted Gamma UCL	N/A						
329	**Note: DL/2 is not a recommended method.**											
330												
331												
332	**Lead**											
333												
334					**General Statistics**							
335					Number of Valid Data	14					Number of Detected Data	9
336					Number of Distinct Detected Data	9					Number of Non-Detect Data	5
337											Percent Non-Detects	35.71%
338												
339					**Raw Statistics**						**Log-transformed Statistics**	
340					Minimum Detected	11.8					Minimum Detected	2.468
341					Maximum Detected	3155					Maximum Detected	8.057
342					Mean of Detected	428.8					Mean of Detected	4.596
343					SD of Detected	1024					SD of Detected	1.556
344					Minimum Non-Detect	11					Minimum Non-Detect	2.398
345					Maximum Non-Detect	11.8					Maximum Non-Detect	2.468
346												
347	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	5
348	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	9
349	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	35.71%
350												
351	**Warning: There are only 9 Detected Values in this data**											
352	**Note: It should be noted that even though bootstrap may be performed on this data set**											
353	**the resulting calculations may not be reliable enough to draw conclusions**											
354												
355	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
356												
357	**UCL Statistics**											
358	**Normal Distribution Test with Detected Values Only**										**Lognormal Distribution Test with Detected Values Only**	
359					Shapiro Wilk Test Statistic	0.447					Shapiro Wilk Test Statistic	0.9
360					5% Shapiro Wilk Critical Value	0.829					5% Shapiro Wilk Critical Value	0.829
361	**Data not Normal at 5% Significance Level**										**Data appear Lognormal at 5% Significance Level**	
362												
363	**Assuming Normal Distribution**										**Assuming Lognormal Distribution**	
364					DL/2 Substitution Method						DL/2 Substitution Method	
365					Mean	277.7					Mean	3.573
366					SD	830.7					SD	1.876
367					95% DL/2 (t) UCL	670.8					95% H-Stat (DL/2) UCL	713.9
368												
369					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
370	**MLE yields a negative mean**										Mean in Log Scale	3.231
371											SD in Log Scale	2.271

372											Mean in Original Scale	276.5
373											SD in Original Scale	831.1
374											95% Percentile Bootstrap UCL	713.4
375											95% BCA Bootstrap UCL	940.8
376												
377			Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only	
378					k star (bias corrected)	0.369					Data appear Lognormal at 5% Significance Level	
379					Theta Star	1163						
380					nu star	6.637						
381												
382					A-D Test Statistic	1.253					Nonparametric Statistics	
383					5% A-D Critical Value	0.781					Kaplan-Meier (KM) Method	
384					K-S Test Statistic	0.781					Mean	279.9
385					5% K-S Critical Value	0.296					SD	799.8
386			Data not Gamma Distributed at 5% Significance Level								SE of Mean	226.7
387											95% KM (t) UCL	681.3
388			Assuming Gamma Distribution								95% KM (z) UCL	652.8
389					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	666.7
390					Minimum	1E-09					95% KM (bootstrap t) UCL	5484
391					Maximum	3155					95% KM (BCA) UCL	937.1
392					Mean	275.6					95% KM (Percentile Bootstrap) UCL	718.1
393					Median	41.45					95% KM (Chebyshev) UCL	1268
394					SD	831.4					97.5% KM (Chebyshev) UCL	1696
395					k star	0.112					99% KM (Chebyshev) UCL	2536
396					Theta star	2450						
397					Nu star	3.15					Potential UCLs to Use	
398					AppChi2	0.418					99% KM (Chebyshev) UCL	2536
399					95% Gamma Approximate UCL	2076						
400					95% Adjusted Gamma UCL	2756						
401	Note: DL/2 is not a recommended method.											
402												
403												
404	Mercury											
405												
406						General Statistics						
407					Number of Valid Data	14					Number of Detected Data	3
408					Number of Distinct Detected Data	3					Number of Non-Detect Data	11
409											Percent Non-Detects	78.57%
410												
411			Raw Statistics								Log-transformed Statistics	
412					Minimum Detected	0.0909					Minimum Detected	-2.398
413					Maximum Detected	1.67					Maximum Detected	0.513
414					Mean of Detected	0.663					Mean of Detected	-1.123
415					SD of Detected	0.875					SD of Detected	1.488
416					Minimum Non-Detect	0.054					Minimum Non-Detect	-2.919
417					Maximum Non-Detect	0.64					Maximum Non-Detect	-0.446
418												
419	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	13
420	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
421	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	92.86%
422												
423	Warning: There are only 3 Distinct Detected Values in this data set											
424	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											

	A	B	C	D	E	F	G	H	I	J	K	L
425	Those methods will return a 'N/A' value on your output display!											
426												
427	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
428	However, results obtained using 4 to 9 distinct values may not be reliable.											
429	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
430												
431	UCL Statistics											
432	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
433					Shapiro Wilk Test Statistic	0.814					Shapiro Wilk Test Statistic	0.956
434					5% Shapiro Wilk Critical Value	0.767					5% Shapiro Wilk Critical Value	0.767
435	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
436												
437	Assuming Normal Distribution						Assuming Lognormal Distribution					
438					DL/2 Substitution Method						DL/2 Substitution Method	
439					Mean	0.347					Mean	-1.398
440					SD	0.39					SD	0.868
441					95% DL/2 (t) UCL	0.532					95% H-Stat (DL/2) UCL	0.611
442												
443					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
444	MLE method failed to converge properly										Mean in Log Scale	-2.405
445											SD in Log Scale	1.102
446											Mean in Original Scale	0.204
447											SD in Original Scale	0.426
448											95% Percentile Bootstrap UCL	0.428
449											95% BCA Bootstrap UCL	0.549
450												
451	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
452					k star (bias corrected)	N/A	Data appear Normal at 5% Significance Level					
453					Theta Star	N/A						
454					nu star	N/A						
455												
456					A-D Test Statistic	N/A	Nonparametric Statistics					
457					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
458					K-S Test Statistic	N/A					Mean	0.246
459					5% K-S Critical Value	N/A					SD	0.4
460	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.136
461											95% KM (t) UCL	0.487
462	Assuming Gamma Distribution										95% KM (z) UCL	0.469
463					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.446
464					Minimum	N/A					95% KM (bootstrap t) UCL	0.738
465					Maximum	N/A					95% KM (BCA) UCL	N/A
466					Mean	N/A					95% KM (Percentile Bootstrap) UCL	1.67
467					Median	N/A					95% KM (Chebyshev) UCL	0.839
468					SD	N/A					97.5% KM (Chebyshev) UCL	1.095
469					k star	N/A					99% KM (Chebyshev) UCL	1.599
470					Theta star	N/A						
471					Nu star	N/A	Potential UCLs to Use					
472					AppChi2	N/A					95% KM (t) UCL	0.487
473					95% Gamma Approximate UCL	N/A					95% KM (Percentile Bootstrap) UCL	1.67
474					95% Adjusted Gamma UCL	N/A						
475	Note: DL/2 is not a recommended method.											
476												

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3			From File	C:\Documents and Settings\swebersnapp\Desktop\OU3_Chris\ProUCL\Industrial\ProUCL_Input_withoutTEG\Qua								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8	Aroclor-1260											
9												
10						General Statistics						
11						Number of Valid Data	38			Number of Detected Data	7	
12						Number of Distinct Detected Data	7			Number of Non-Detect Data	31	
13										Percent Non-Detects	81.58%	
14												
15						Raw Statistics				Log-transformed Statistics		
16						Minimum Detected	0.027			Minimum Detected	-3.612	
17						Maximum Detected	0.9			Maximum Detected	-0.105	
18						Mean of Detected	0.349			Mean of Detected	-1.75	
19						SD of Detected	0.374			SD of Detected	1.412	
20						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
21						Maximum Non-Detect	2.28			Maximum Non-Detect	0.824	
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	38	
24	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
25	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
26												
27						Warning: There are only 7 Detected Values in this data						
28						Note: It should be noted that even though bootstrap may be performed on this data set						
29						the resulting calculations may not be reliable enough to draw conclusions						
30												
31						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
32												
33						UCL Statistics						
34						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
35						Shapiro Wilk Test Statistic	0.803			Shapiro Wilk Test Statistic	0.915	
36						5% Shapiro Wilk Critical Value	0.803			5% Shapiro Wilk Critical Value	0.803	
37						Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level		
38												
39						Assuming Normal Distribution				Assuming Lognormal Distribution		
40						DL/2 Substitution Method				DL/2 Substitution Method		
41						Mean	0.25			Mean	-3.592	
42						SD	0.418			SD	2.483	
43						95% DL/2 (t) UCL	0.365			95% H-Stat (DL/2) UCL	4.306	
44												
45						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
46						MLE method failed to converge properly				Mean in Log Scale	-5.499	
47										SD in Log Scale	2.12	
48										Mean in Original Scale	0.0664	
49										SD in Original Scale	0.203	
50										95% Percentile Bootstrap UCL	0.125	
51										95% BCA Bootstrap UCL	0.149	
52												
53						Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only		

54				k star (bias corrected)	0.579	Data appear Gamma Distributed at 5% Significance Level						
55				Theta Star	0.603							
56				nu star	8.101							
57												
58				A-D Test Statistic	0.348	Nonparametric Statistics						
59				5% A-D Critical Value	0.733					Kaplan-Meier (KM) Method		
60				K-S Test Statistic	0.733					Mean		0.0982
61				5% K-S Critical Value	0.321					SD		0.21
62	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.0401
63										95% KM (t) UCL		0.166
64	Assuming Gamma Distribution									95% KM (z) UCL		0.164
65			Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL		0.156
66				Minimum	0.027					95% KM (bootstrap t) UCL		0.264
67				Maximum	0.9					95% KM (BCA) UCL		0.282
68				Mean	0.408					95% KM (Percentile Bootstrap) UCL		0.204
69				Median	0.38					95% KM (Chebyshev) UCL		0.273
70				SD	0.192					97.5% KM (Chebyshev) UCL		0.348
71				k star	2.858					99% KM (Chebyshev) UCL		0.497
72				Theta star	0.143							
73				Nu star	217.2	Potential UCLs to Use						
74				AppChi2	184.1					95% KM (t) UCL		0.166
75				95% Gamma Approximate UCL	0.481							
76				95% Adjusted Gamma UCL	0.484							
77	Note: DL/2 is not a recommended method.											
78												
79												
80	Aroclor-1268											
81												
82						General Statistics						
83				Number of Valid Data	27					Number of Detected Data		17
84				Number of Distinct Detected Data	17					Number of Non-Detect Data		10
85										Percent Non-Detects		37.04%
86												
87				Raw Statistics						Log-transformed Statistics		
88				Minimum Detected	0.0023					Minimum Detected		-6.075
89				Maximum Detected	0.57					Maximum Detected		-0.562
90				Mean of Detected	0.108					Mean of Detected		-3.07
91				SD of Detected	0.141					SD of Detected		1.52
92				Minimum Non-Detect	0.0021					Minimum Non-Detect		-6.166
93				Maximum Non-Detect	2.28					Maximum Non-Detect		0.824
94												
95	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		27
96	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
97	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
98												
99						UCL Statistics						
100	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
101				Shapiro Wilk Test Statistic	0.716					Shapiro Wilk Test Statistic		0.967
102				5% Shapiro Wilk Critical Value	0.892					5% Shapiro Wilk Critical Value		0.892
103	Data not Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
104												
105	Assuming Normal Distribution									Assuming Lognormal Distribution		
106				DL/2 Substitution Method						DL/2 Substitution Method		

	A	B	C	D	E	F	G	H	I	J	K	L
107					Mean	0.31					Mean	-2.751
108					SD	0.439					SD	2.207
109					95% DL/2 (t) UCL	0.454					95% H-Stat (DL/2) UCL	5.448
110												
111					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
112					**MLE method failed to converge properly**						Mean in Log Scale	-3.616
113											SD in Log Scale	1.595
114											Mean in Original Scale	0.0742
115											SD in Original Scale	0.119
116											95% Percentile Bootstrap UCL	0.114
117											95% BCA Bootstrap UCL	0.137
118												
119					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
120					k star (bias corrected)	0.63					**Data appear Gamma Distributed at 5% Significance Level**	
121					Theta Star	0.171						
122					nu star	21.42						
123												
124					A-D Test Statistic	0.186					**Nonparametric Statistics**	
125					5% A-D Critical Value	0.779					Kaplan-Meier (KM) Method	
126					K-S Test Statistic	0.779					Mean	0.088
127					5% K-S Critical Value	0.218					SD	0.13
128					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.0292
129											95% KM (t) UCL	0.138
130					**Assuming Gamma Distribution**						95% KM (z) UCL	0.136
131					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.137
132					Minimum	1E-09					95% KM (bootstrap t) UCL	0.179
133					Maximum	0.57					95% KM (BCA) UCL	0.137
134					Mean	0.0986					95% KM (Percentile Bootstrap) UCL	0.141
135					Median	0.065					95% KM (Chebyshev) UCL	0.215
136					SD	0.118					97.5% KM (Chebyshev) UCL	0.27
137					k star	0.271					99% KM (Chebyshev) UCL	0.378
138					Theta star	0.364						
139					Nu star	14.64					**Potential UCLs to Use**	
140					AppChi2	7.013					95% KM (BCA) UCL	0.137
141					95% Gamma Approximate UCL	0.206						
142					95% Adjusted Gamma UCL	0.216						
143	**Note: DL/2 is not a recommended method.**											
144												
145												
146	**Arsenic**											
147												
148						**General Statistics**							
149					Number of Valid Data	25					Number of Detected Data	17
150					Number of Distinct Detected Data	17					Number of Non-Detect Data	8
151											Percent Non-Detects	32.00%
152												
153					**Raw Statistics**						**Log-transformed Statistics**	
154					Minimum Detected	0.27					Minimum Detected	-1.309
155					Maximum Detected	3.5					Maximum Detected	1.253
156					Mean of Detected	1.208					Mean of Detected	-0.245
157					SD of Detected	1.122					SD of Detected	0.964
158					Minimum Non-Detect	1.5					Minimum Non-Detect	0.405
159					Maximum Non-Detect	4					Maximum Non-Detect	1.386

160												
161	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	25
162	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
163	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
164												
165	**UCL Statistics**											
166	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
167	Shapiro Wilk Test Statistic					0.796	Shapiro Wilk Test Statistic					0.848
168	5% Shapiro Wilk Critical Value					0.892	5% Shapiro Wilk Critical Value					0.892
169	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
170												
171	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
172	DL/2 Substitution Method						DL/2 Substitution Method					
173	Mean					1.232	Mean					-0.113
174	SD					0.962	SD					0.844
175	95% DL/2 (t) UCL					1.561	95% H-Stat (DL/2) UCL					3.465
176												
177	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
178	**MLE method failed to converge properly**						Mean in Log Scale					-0.345
179							SD in Log Scale					0.834
180							Mean in Original Scale					1.02
181							SD in Original Scale					0.969
182							95% Percentile Bootstrap UCL					1.346
183							95% BCA Bootstrap UCL					1.416
184												
185	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
186	k star (bias corrected)					1.105	**Data do not follow a Discernable Distribution (0.05)**					
187	Theta Star					1.093						
188	nu star					37.57						
189												
190	A-D Test Statistic					1.228	**Nonparametric Statistics**					
191	5% A-D Critical Value					0.76	Kaplan-Meier (KM) Method					
192	K-S Test Statistic					0.76	Mean					1.059
193	5% K-S Critical Value					0.214	SD					1.018
194	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					0.229
195							95% KM (t) UCL					1.452
196	**Assuming Gamma Distribution**						95% KM (z) UCL					1.436
197	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					1.451
198	Minimum					0.27	95% KM (bootstrap t) UCL					1.547
199	Maximum					3.5	95% KM (BCA) UCL					1.474
200	Mean					1.228	95% KM (Percentile Bootstrap) UCL					1.436
201	Median					1.004	95% KM (Chebyshev) UCL					2.058
202	SD					0.954	97.5% KM (Chebyshev) UCL					2.491
203	k star					1.537	99% KM (Chebyshev) UCL					3.34
204	Theta star					0.799						
205	Nu star					76.86	**Potential UCLs to Use**					
206	AppChi2					57.67	95% KM (BCA) UCL					1.474
207	95% Gamma Approximate UCL					1.637						
208	95% Adjusted Gamma UCL					1.67						
209	**Note: DL/2 is not a recommended method.**											
210												
211												
212	**Benzo(a)anthracene**											

213												
214	**General Statistics**											
215					Number of Valid Data	40				Number of Detected Data		18
216					Number of Distinct Detected Data	18				Number of Non-Detect Data		22
217										Percent Non-Detects		55.00%
218												
219	**Raw Statistics**									**Log-transformed Statistics**		
220					Minimum Detected	0.0017				Minimum Detected		-6.377
221					Maximum Detected	1.3				Maximum Detected		0.262
222					Mean of Detected	0.208				Mean of Detected		-3.531
223					SD of Detected	0.406				SD of Detected		2.148
224					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
225					Maximum Non-Detect	13				Maximum Non-Detect		2.565
226												
227	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		40
228	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
229	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
230												
231	**UCL Statistics**											
232	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
233					Shapiro Wilk Test Statistic	0.558				Shapiro Wilk Test Statistic		0.93
234					5% Shapiro Wilk Critical Value	0.897				5% Shapiro Wilk Critical Value		0.897
235	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**		
236												
237	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
238					DL/2 Substitution Method					DL/2 Substitution Method		
239					Mean	0.86				Mean		-2.32
240					SD	1.689				SD		2.502
241					95% DL/2 (t) UCL	1.31				95% H-Stat (DL/2) UCL		36.55
242												
243					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
244	**MLE method failed to converge properly**									Mean in Log Scale		-4.172
245										SD in Log Scale		1.79
246										Mean in Original Scale		0.102
247										SD in Original Scale		0.285
248										95% Percentile Bootstrap UCL		0.186
249										95% BCA Bootstrap UCL		0.204
250												
251	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
252					k star (bias corrected)	0.324				**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
253					Theta Star	0.642						
254					nu star	11.65						
255												
256					A-D Test Statistic	1.222				**Nonparametric Statistics**		
257					5% A-D Critical Value	0.833				Kaplan-Meier (KM) Method		
258					K-S Test Statistic	0.833				Mean		0.123
259					5% K-S Critical Value	0.22				SD		0.302
260	**Data follow Appr. Gamma Distribution at 5% Significance Level**									SE of Mean		0.0537
261										95% KM (t) UCL		0.213
262	**Assuming Gamma Distribution**									95% KM (z) UCL		0.211
263					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.212
264					Minimum	0.0017				95% KM (bootstrap t) UCL		0.266
265					Maximum	1.3				95% KM (BCA) UCL		0.216

266					Mean	0.179				95% KM (Percentile Bootstrap) UCL		0.216
267					Median	0.111				95% KM (Chebyshev) UCL		0.357
268					SD	0.279				97.5% KM (Chebyshev) UCL		0.458
269					k star	0.59				99% KM (Chebyshev) UCL		0.657
270					Theta star	0.303						
271					Nu star	47.2				**Potential UCLs to Use**		
272					AppChi2	32.44				95% KM (t) UCL		0.213
273				95% Gamma Approximate UCL		0.26						
274				95% Adjusted Gamma UCL		0.264						
275	**Note: DL/2 is not a recommended method.**											
276												
277												
278	**Benzo(a)pyrene**											
279												
280						**General Statistics**						
281					Number of Valid Data	40				Number of Detected Data		19
282				Number of Distinct Detected Data		18				Number of Non-Detect Data		21
283										Percent Non-Detects		52.50%
284												
285				**Raw Statistics**						**Log-transformed Statistics**		
286					Minimum Detected	0.00209				Minimum Detected		-6.171
287					Maximum Detected	1.3				Maximum Detected		0.262
288					Mean of Detected	0.175				Mean of Detected		-3.316
289					SD of Detected	0.338				SD of Detected		1.943
290					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
291					Maximum Non-Detect	13				Maximum Non-Detect		2.565
292												
293	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		40
294	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
295	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
296												
297						**UCL Statistics**						
298				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
299					Shapiro Wilk Test Statistic	0.565				Shapiro Wilk Test Statistic		0.955
300					5% Shapiro Wilk Critical Value	0.901				5% Shapiro Wilk Critical Value		0.901
301				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
302												
303				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
304					DL/2 Substitution Method					DL/2 Substitution Method		
305					Mean	0.949				Mean		-2.168
306					SD	1.763				SD		2.479
307					95% DL/2 (t) UCL	1.418				95% H-Stat (DL/2) UCL		41.67
308												
309					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
310				**MLE method failed to converge properly**						Mean in Log Scale		-3.909
311										SD in Log Scale		1.708
312										Mean in Original Scale		0.093
313										SD in Original Scale		0.243
314										95% Percentile Bootstrap UCL		0.163
315										95% BCA Bootstrap UCL		0.19
316												
317				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
318					k star (bias corrected)	0.386				**Data appear Gamma Distributed at 5% Significance Level**		

319					Theta Star	0.453						
320					nu star	14.66						
321												
322					A-D Test Statistic	0.813			Nonparametric Statistics			
323					5% A-D Critical Value	0.82					Kaplan-Meier (KM) Method	
324					K-S Test Statistic	0.82					Mean	0.116
325					5% K-S Critical Value	0.212					SD	0.261
326					Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.0472
327											95% KM (t) UCL	0.195
328					Assuming Gamma Distribution						95% KM (z) UCL	0.194
329					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.195
330					Minimum	0.00209					95% KM (bootstrap t) UCL	0.317
331					Maximum	1.3					95% KM (BCA) UCL	0.195
332					Mean	0.161					95% KM (Percentile Bootstrap) UCL	0.203
333					Median	0.111					95% KM (Chebyshev) UCL	0.322
334					SD	0.234					97.5% KM (Chebyshev) UCL	0.411
335					k star	0.72					99% KM (Chebyshev) UCL	0.586
336					Theta star	0.224						
337					Nu star	57.57			Potential UCLs to Use			
338					AppChi2	41.12					95% KM (t) UCL	0.195
339					95% Gamma Approximate UCL	0.225						
340					95% Adjusted Gamma UCL	0.228						
341	Note: DL/2 is not a recommended method.											
342												
343												
344	Benzo(b)fluoranthene											
345												
346					General Statistics							
347					Number of Valid Data	20					Number of Detected Data	14
348					Number of Distinct Detected Data	14					Number of Non-Detect Data	6
349											Percent Non-Detects	30.00%
350												
351					Raw Statistics				Log-transformed Statistics			
352					Minimum Detected	0.0035					Minimum Detected	-5.655
353					Maximum Detected	0.39					Maximum Detected	-0.942
354					Mean of Detected	0.0666					Mean of Detected	-3.786
355					SD of Detected	0.111					SD of Detected	1.513
356					Minimum Non-Detect	0.0012					Minimum Non-Detect	-6.725
357					Maximum Non-Detect	0.35					Maximum Non-Detect	-1.05
358												
359	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	19
360	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
361	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	95.00%
362												
363					UCL Statistics							
364					Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only			
365					Shapiro Wilk Test Statistic	0.626					Shapiro Wilk Test Statistic	0.936
366					5% Shapiro Wilk Critical Value	0.874					5% Shapiro Wilk Critical Value	0.874
367					Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level			
368												
369					Assuming Normal Distribution				Assuming Lognormal Distribution			
370					DL/2 Substitution Method						DL/2 Substitution Method	
371					Mean	0.0799					Mean	-3.751

372				SD	0.104					SD	1.946	
373				95% DL/2 (t) UCL	0.12					95% H-Stat (DL/2) UCL	1.413	
374												
375				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
376				**MLE method failed to converge properly**						Mean in Log Scale	-4.242	
377										SD in Log Scale	1.641	
378										Mean in Original Scale	0.0496	
379										SD in Original Scale	0.0958	
380										95% Percentile Bootstrap UCL	0.0855	
381										95% BCA Bootstrap UCL	0.103	
382												
383				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
384				k star (bias corrected)	0.501					**Data Follow Appr. Gamma Distribution at 5% Significance Level**		
385				Theta Star	0.133							
386				nu star	14.03							
387												
388				A-D Test Statistic	0.753					**Nonparametric Statistics**		
389				5% A-D Critical Value	0.786					Kaplan-Meier (KM) Method		
390				K-S Test Statistic	0.786					Mean	0.0543	
391				5% K-S Critical Value	0.24					SD	0.0955	
392				**Data follow Appr. Gamma Distribution at 5% Significance Level**						SE of Mean	0.0232	
393										95% KM (t) UCL	0.0943	
394				**Assuming Gamma Distribution**						95% KM (z) UCL	0.0924	
395				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0941	
396				Minimum	1E-09					95% KM (bootstrap t) UCL	0.174	
397				Maximum	0.39					95% KM (BCA) UCL	0.0964	
398				Mean	0.0583					95% KM (Percentile Bootstrap) UCL	0.0911	
399				Median	0.015					95% KM (Chebyshev) UCL	0.155	
400				SD	0.0962					97.5% KM (Chebyshev) UCL	0.199	
401				k star	0.263					99% KM (Chebyshev) UCL	0.285	
402				Theta star	0.222							
403				Nu star	10.51					**Potential UCLs to Use**		
404				AppChi2	4.265					95% KM (BCA) UCL	0.0964	
405				95% Gamma Approximate UCL	0.144							
406				95% Adjusted Gamma UCL	0.155							
407	**Note: DL/2 is not a recommended method.**											
408												
409												
410	**Benzo(b/k)fluoranthene**											
411												
412							**General Statistics**					
413				Number of Valid Data	20					Number of Detected Data	6	
414				Number of Distinct Detected Data	6					Number of Non-Detect Data	14	
415										Percent Non-Detects	70.00%	
416												
417				**Raw Statistics**						**Log-transformed Statistics**		
418				Minimum Detected	0.068					Minimum Detected	-2.688	
419				Maximum Detected	1.6					Maximum Detected	0.47	
420				Mean of Detected	0.571					Mean of Detected	-1.066	
421				SD of Detected	0.599					SD of Detected	1.15	
422				Minimum Non-Detect	0.35					Minimum Non-Detect	-1.05	
423				Maximum Non-Detect	13					Maximum Non-Detect	2.565	
424												

425	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	20
426	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
427	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
428												
429	Warning: There are only 6 Detected Values in this data											
430	Note: It should be noted that even though bootstrap may be performed on this data set											
431	the resulting calculations may not be reliable enough to draw conclusions											
432												
433	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
434												
435	UCL Statistics											
436	Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only				
437	Shapiro Wilk Test Statistic				0.827			Shapiro Wilk Test Statistic				0.969
438	5% Shapiro Wilk Critical Value				0.788			5% Shapiro Wilk Critical Value				0.788
439	Data appear Normal at 5% Significance Level							Data appear Lognormal at 5% Significance Level				
440												
441	Assuming Normal Distribution							Assuming Lognormal Distribution				
442	DL/2 Substitution Method							DL/2 Substitution Method				
443	Mean				1.858			Mean				-0.383
444	SD				2.175			SD				1.575
445	95% DL/2 (t) UCL				2.699			95% H-Stat (DL/2) UCL				17.26
446												
447	Maximum Likelihood Estimate(MLE) Method				N/A			Log ROS Method				
448	MLE method failed to converge properly							Mean in Log Scale				-1.419
449								SD in Log Scale				0.711
450								Mean in Original Scale				0.327
451								SD in Original Scale				0.355
452								95% Percentile Bootstrap UCL				0.466
453								95% BCA Bootstrap UCL				0.516
454												
455	Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only				
456	k star (bias corrected)				0.673			Data appear Normal at 5% Significance Level				
457	Theta Star				0.849							
458	nu star				8.078							
459												
460	A-D Test Statistic				0.3			Nonparametric Statistics				
461	5% A-D Critical Value				0.713			Kaplan-Meier (KM) Method				
462	K-S Test Statistic				0.713			Mean				0.377
463	5% K-S Critical Value				0.34			SD				0.419
464	Data appear Gamma Distributed at 5% Significance Level							SE of Mean				0.132
465								95% KM (t) UCL				0.605
466	Assuming Gamma Distribution							95% KM (z) UCL				0.594
467	Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL				0.603
468	Minimum				0.068			95% KM (bootstrap t) UCL				0.836
469	Maximum				1.6			95% KM (BCA) UCL				0.648
470	Mean				0.562			95% KM (Percentile Bootstrap) UCL				0.609
471	Median				0.551			95% KM (Chebyshev) UCL				0.953
472	SD				0.308			97.5% KM (Chebyshev) UCL				1.203
473	k star				2.949			99% KM (Chebyshev) UCL				1.693
474	Theta star				0.191							
475	Nu star				118			Potential UCLs to Use				
476	AppChi2				93.88			95% KM (t) UCL				0.605
477	95% Gamma Approximate UCL				0.706			95% KM (Percentile Bootstrap) UCL				0.609

478				95% Adjusted Gamma UCL		0.719						
479	Note: DL/2 is not a recommended method.											
480												
481												
482	bis(2-Ethylhexyl) phthalate											
483												
484	General Statistics											
485				Number of Valid Data		31				Number of Detected Data		7
486				Number of Distinct Detected Data		7				Number of Non-Detect Data		24
487										Percent Non-Detects		77.42%
488												
489	Raw Statistics						Log-transformed Statistics					
490				Minimum Detected		0.013				Minimum Detected		-4.343
491				Maximum Detected		46				Maximum Detected		3.829
492				Mean of Detected		6.973				Mean of Detected		-1.257
493				SD of Detected		17.22				SD of Detected		2.924
494				Minimum Non-Detect		0.007				Minimum Non-Detect		-4.962
495				Maximum Non-Detect		13				Maximum Non-Detect		2.565
496												
497	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		30
498	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
499	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		96.77%
500												
501	Warning: There are only 7 Detected Values in this data											
502	Note: It should be noted that even though bootstrap may be performed on this data set											
503	the resulting calculations may not be reliable enough to draw conclusions											
504												
505	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
506												
507	UCL Statistics											
508	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
509				Shapiro Wilk Test Statistic		0.482				Shapiro Wilk Test Statistic		0.922
510				5% Shapiro Wilk Critical Value		0.803				5% Shapiro Wilk Critical Value		0.803
511	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
512												
513	Assuming Normal Distribution						Assuming Lognormal Distribution					
514				DL/2 Substitution Method						DL/2 Substitution Method		
515				Mean		2.932				Mean		-1.437
516				SD		8.246				SD		2.806
517				95% DL/2 (t) UCL		5.446				95% H-Stat (DL/2) UCL		264.8
518												
519				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
520	MLE method failed to converge properly									Mean in Log Scale		-5.919
521										SD in Log Scale		3.439
522										Mean in Original Scale		1.577
523										SD in Original Scale		8.252
524										95% Percentile Bootstrap UCL		4.528
525										95% BCA Bootstrap UCL		7.423
526												
527	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
528				k star (bias corrected)		0.224	Data appear Gamma Distributed at 5% Significance Level					
529				Theta Star		31.1						
530				nu star		3.139						

531												
532					A-D Test Statistic	0.732			**Nonparametric Statistics**			
533					5% A-D Critical Value	0.812					Kaplan-Meier (KM) Method	
534					K-S Test Statistic	0.812					Mean	1.626
535					5% K-S Critical Value	0.34					SD	8.111
536			**Data appear Gamma Distributed at 5% Significance Level**								SE of Mean	1.574
537											95% KM (t) UCL	4.298
538			**Assuming Gamma Distribution**								95% KM (z) UCL	4.215
539			Gamma ROS Statistics using Extrapolated Data								95% KM (jackknife) UCL	4.138
540					Minimum	1E-09					95% KM (bootstrap t) UCL	78.54
541					Maximum	58.34					95% KM (BCA) UCL	4.57
542					Mean	12.39					95% KM (Percentile Bootstrap) UCL	4.593
543					Median	1.8					95% KM (Chebyshev) UCL	8.488
544					SD	18.61					97.5% KM (Chebyshev) UCL	11.46
545					k star	0.111					99% KM (Chebyshev) UCL	17.29
546					Theta star	111.6						
547					Nu star	6.882			**Potential UCLs to Use**			
548					AppChi2	2.106					95% KM (t) UCL	4.298
549					95% Gamma Approximate UCL	40.5						
550					95% Adjusted Gamma UCL	43.46						
551	**Note: DL/2 is not a recommended method.**											
552												
553												
554	**Chromium**											
555												
556					**General Statistics**							
557					Number of Valid Observations	25					Number of Distinct Observations	24
558												
559					**Raw Statistics**				**Log-transformed Statistics**			
560					Minimum	1.74					Minimum of Log Data	0.554
561					Maximum	17					Maximum of Log Data	2.833
562					Mean	4.595					Mean of log Data	1.33
563					Median	3.3					SD of log Data	0.592
564					SD	3.553						
565					Coefficient of Variation	0.773						
566					Skewness	2.342						
567												
568					**Relevant UCL Statistics**							
569			**Normal Distribution Test**						**Lognormal Distribution Test**			
570					Shapiro Wilk Test Statistic	0.725					Shapiro Wilk Test Statistic	0.929
571					Shapiro Wilk Critical Value	0.918					Shapiro Wilk Critical Value	0.918
572			**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**			
573												
574			**Assuming Normal Distribution**						**Assuming Lognormal Distribution**			
575					95% Student's-t UCL	5.81					95% H-UCL	5.766
576			**95% UCLs (Adjusted for Skewness)**								95% Chebyshev (MVUE) UCL	6.905
577					95% Adjusted-CLT UCL	6.119					97.5% Chebyshev (MVUE) UCL	7.96
578					95% Modified-t UCL	5.866					99% Chebyshev (MVUE) UCL	10.03
579												
580			**Gamma Distribution Test**						**Data Distribution**			
581					k star (bias corrected)	2.418			**Data Follow Appr. Gamma Distribution at 5% Significance Level**			
582					Theta Star	1.9						
583					MLE of Mean	4.595						

584				MLE of Standard Deviation	2.955							
585				nu star	120.9							
586				Approximate Chi Square Value (.05)	96.5				Nonparametric Statistics			
587				Adjusted Level of Significance	0.0395					95% CLT UCL	5.764	
588				Adjusted Chi Square Value	95.02					95% Jackknife UCL	5.81	
589										95% Standard Bootstrap UCL	5.768	
590				Anderson-Darling Test Statistic	0.951					95% Bootstrap-t UCL	6.74	
591				Anderson-Darling 5% Critical Value	0.753					95% Hall's Bootstrap UCL	11.67	
592				Kolmogorov-Smirnov Test Statistic	0.154					95% Percentile Bootstrap UCL	5.812	
593				Kolmogorov-Smirnov 5% Critical Value	0.176					95% BCA Bootstrap UCL	6.236	
594	Data follow Appr. Gamma Distribution at 5% Significance Level									95% Chebyshev(Mean, Sd) UCL	7.692	
595										97.5% Chebyshev(Mean, Sd) UCL	9.032	
596	Assuming Gamma Distribution									99% Chebyshev(Mean, Sd) UCL	11.66	
597				95% Approximate Gamma UCL	5.756							
598				95% Adjusted Gamma UCL	5.846							
599												
600	Potential UCL to Use									Use 95% Approximate Gamma UCL	5.756	
601												
602												
603	Dibenzo(a,h)anthracene											
604												
605					General Statistics							
606				Number of Valid Data	40					Number of Detected Data	10	
607				Number of Distinct Detected Data	10					Number of Non-Detect Data	30	
608										Percent Non-Detects	75.00%	
609												
610	Raw Statistics								Log-transformed Statistics			
611				Minimum Detected	0.00066					Minimum Detected	-7.323	
612				Maximum Detected	0.025					Maximum Detected	-3.689	
613				Mean of Detected	0.0107					Mean of Detected	-5.007	
614				SD of Detected	0.00865					SD of Detected	1.192	
615				Minimum Non-Detect	0.0015					Minimum Non-Detect	-6.502	
616				Maximum Non-Detect	13					Maximum Non-Detect	2.565	
617												
618	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	40	
619	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
620	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
621												
622					UCL Statistics							
623	Normal Distribution Test with Detected Values Only								Lognormal Distribution Test with Detected Values Only			
624				Shapiro Wilk Test Statistic	0.896					Shapiro Wilk Test Statistic	0.904	
625				5% Shapiro Wilk Critical Value	0.842					5% Shapiro Wilk Critical Value	0.842	
626	Data appear Normal at 5% Significance Level								Data appear Lognormal at 5% Significance Level			
627												
628	Assuming Normal Distribution								Assuming Lognormal Distribution			
629				DL/2 Substitution Method						DL/2 Substitution Method		
630				Mean	1.084					Mean	-2.506	
631				SD	1.895					SD	2.948	
632				95% DL/2 (t) UCL	1.589					95% H-Stat (DL/2) UCL	159.3	
633												
634				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
635	MLE method failed to converge properly									Mean in Log Scale	-5.761	
636										SD in Log Scale	1.086	

637											Mean in Original Scale	0.00539
638											SD in Original Scale	0.00596
639											95% Percentile Bootstrap UCL	0.00694
640											95% BCA Bootstrap UCL	0.00719
641												
642	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
643					k star (bias corrected)	0.905	Data appear Normal at 5% Significance Level					
644					Theta Star	0.0119						
645					nu star	18.09						
646												
647					A-D Test Statistic	0.411	Nonparametric Statistics					
648					5% A-D Critical Value	0.745	Kaplan-Meier (KM) Method					
649					K-S Test Statistic	0.745					Mean	0.00738
650					5% K-S Critical Value	0.273					SD	0.00821
651	Data appear Gamma Distributed at 5% Significance Level										SE of Mean	0.00223
652											95% KM (t) UCL	0.0111
653	Assuming Gamma Distribution										95% KM (z) UCL	0.0111
654					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0109
655					Minimum	1E-09					95% KM (bootstrap t) UCL	0.0119
656					Maximum	0.0326					95% KM (BCA) UCL	0.012
657					Mean	0.0143					95% KM (Percentile Bootstrap) UCL	0.0115
658					Median	0.0174					95% KM (Chebyshev) UCL	0.0171
659					SD	0.00865					97.5% KM (Chebyshev) UCL	0.0213
660					k star	0.858					99% KM (Chebyshev) UCL	0.0296
661					Theta star	0.0166						
662					Nu star	68.63	Potential UCLs to Use					
663					AppChi2	50.56					95% KM (t) UCL	0.0111
664					95% Gamma Approximate UCL	0.0194					95% KM (Percentile Bootstrap) UCL	0.0115
665					95% Adjusted Gamma UCL	0.0196						
666	Note: DL/2 is not a recommended method.											
667												
668												
669	Indeno(1,2,3-cd)pyrene											
670												
671	General Statistics											
672					Number of Valid Data	40					Number of Detected Data	16
673					Number of Distinct Detected Data	14					Number of Non-Detect Data	24
674											Percent Non-Detects	60.00%
675												
676	Raw Statistics						Log-transformed Statistics					
677					Minimum Detected	0.0021					Minimum Detected	-6.166
678					Maximum Detected	0.12					Maximum Detected	-2.12
679					Mean of Detected	0.0392					Mean of Detected	-4.084
680					SD of Detected	0.0407					SD of Detected	1.533
681					Minimum Non-Detect	0.0015					Minimum Non-Detect	-6.502
682					Maximum Non-Detect	13					Maximum Non-Detect	2.565
683												
684	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	40
685	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
686	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
687												
688	UCL Statistics											
689	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					

690					Shapiro Wilk Test Statistic	0.836					Shapiro Wilk Test Statistic	0.874
691					5% Shapiro Wilk Critical Value	0.887					5% Shapiro Wilk Critical Value	0.887
692					**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**	
693												
694					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
695					DL/2 Substitution Method						DL/2 Substitution Method	
696					Mean	1.088					Mean	-2.205
697					SD	1.894					SD	2.625
698					95% DL/2 (t) UCL	1.592					95% H-Stat (DL/2) UCL	89.4
699												
700					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
701					**MLE method failed to converge properly**						Mean in Log Scale	-4.462
702											SD in Log Scale	1.327
703											Mean in Original Scale	0.0239
704											SD in Original Scale	0.0296
705											95% Percentile Bootstrap UCL	0.0319
706											95% BCA Bootstrap UCL	0.033
707												
708					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
709					k star (bias corrected)	0.622					**Data Follow Appr. Gamma Distribution at 5% Significance Level**	
710					Theta Star	0.0631						
711					nu star	19.89						
712												
713					A-D Test Statistic	0.8					**Nonparametric Statistics**	
714					5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method	
715					K-S Test Statistic	0.778					Mean	0.0351
716					5% K-S Critical Value	0.224					SD	0.0389
717					**Data follow Appr. Gamma Distribution at 5% Significance Level**						SE of Mean	0.00947
718											95% KM (t) UCL	0.051
719					**Assuming Gamma Distribution**						95% KM (z) UCL	0.0506
720					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0512
721					Minimum	1E-09					95% KM (bootstrap t) UCL	0.0541
722					Maximum	0.12					95% KM (BCA) UCL	0.0493
723					Mean	0.0393					95% KM (Percentile Bootstrap) UCL	0.0496
724					Median	0.041					95% KM (Chebyshev) UCL	0.0763
725					SD	0.0321					97.5% KM (Chebyshev) UCL	0.0942
726					k star	0.476					99% KM (Chebyshev) UCL	0.129
727					Theta star	0.0827						
728					Nu star	38.06					**Potential UCLs to Use**	
729					AppChi2	24.93					95% KM (t) UCL	0.051
730					95% Gamma Approximate UCL	0.06						
731					95% Adjusted Gamma UCL	0.061						
732	**Note: DL/2 is not a recommended method.**											
733												
734												
735	**Iron**											
736												
737						**General Statistics**							
738					Number of Valid Observations	25					Number of Distinct Observations	23
739												
740					**Raw Statistics**						**Log-transformed Statistics**	
741					Minimum	797					Minimum of Log Data	6.681
742					Maximum	26000					Maximum of Log Data	10.17

743					Mean	3999					Mean of log Data	7.887
744					Median	2000					SD of log Data	0.786
745					SD	5343						
746					Coefficient of Variation	1.336						
747					Skewness	3.356						
748												
749					**Relevant UCL Statistics**							
750					**Normal Distribution Test**						**Lognormal Distribution Test**	
751					Shapiro Wilk Test Statistic	0.535					Shapiro Wilk Test Statistic	0.862
752					Shapiro Wilk Critical Value	0.918					Shapiro Wilk Critical Value	0.918
753					**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**	
754												
755					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
756					95% Student's-t UCL	5827					95% H-UCL	5196
757					**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL	6245
758					95% Adjusted-CLT UCL	6523					97.5% Chebyshev (MVUE) UCL	7402
759					95% Modified-t UCL	5947					99% Chebyshev (MVUE) UCL	9674
760												
761					**Gamma Distribution Test**						**Data Distribution**	
762					k star (bias corrected)	1.235					**Data do not follow a Discernable Distribution (0.05)**	
763					Theta Star	3237						
764					MLE of Mean	3999						
765					MLE of Standard Deviation	3598						
766					nu star	61.76						
767					Approximate Chi Square Value (.05)	44.68					**Nonparametric Statistics**	
768					Adjusted Level of Significance	0.0395					95% CLT UCL	5756
769					Adjusted Chi Square Value	43.69					95% Jackknife UCL	5827
770											95% Standard Bootstrap UCL	5708
771					Anderson-Darling Test Statistic	2.382					95% Bootstrap-t UCL	8170
772					Anderson-Darling 5% Critical Value	0.764					95% Hall's Bootstrap UCL	11351
773					Kolmogorov-Smirnov Test Statistic	0.249					95% Percentile Bootstrap UCL	5955
774					Kolmogorov-Smirnov 5% Critical Value	0.178					95% BCA Bootstrap UCL	6891
775					**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	8657
776											97.5% Chebyshev(Mean, Sd) UCL	10672
777					**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	14632
778					95% Approximate Gamma UCL	5527						
779					95% Adjusted Gamma UCL	5652						
780												
781					**Potential UCL to Use**						Use 95% Chebyshev (Mean, Sd) UCL	8657
782												
783												
784	Lead											
785					**General Statistics**							
786					Number of Valid Data	47					Number of Detected Data	39
787					Number of Distinct Detected Data	39					Number of Non-Detect Data	8
788											Percent Non-Detects	17.02%
789												
790					**Raw Statistics**						**Log-transformed Statistics**	
791					Minimum Detected	3.85					Minimum Detected	1.348
792					Maximum Detected	230					Maximum Detected	5.438
793					Mean of Detected	49.04					Mean of Detected	3.468
794					SD of Detected	48.01					SD of Detected	0.985
795					Minimum Non-Detect	20					Minimum Non-Detect	2.996

796				Maximum Non-Detect		60				Maximum Non-Detect		4.094
797												
798	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		36
799	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		11
800	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		76.60%
801												
802						UCL Statistics						
803				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
804				Shapiro Wilk Test Statistic		0.79				Shapiro Wilk Test Statistic		0.979
805				5% Shapiro Wilk Critical Value		0.939				5% Shapiro Wilk Critical Value		0.939
806				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
807												
808				Assuming Normal Distribution						Assuming Lognormal Distribution		
809				DL/2 Substitution Method						DL/2 Substitution Method		
810				Mean		43.99				Mean		3.372
811				SD		45.14				SD		0.931
812				95% DL/2 (t) UCL		55.05				95% H-Stat (DL/2) UCL		58.34
813												
814				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
815				MLE yields a negative mean						Mean in Log Scale		3.342
816										SD in Log Scale		0.95
817										Mean in Original Scale		43.48
818										SD in Original Scale		45.43
819										95% Percentile Bootstrap UCL		54.93
820										95% BCA Bootstrap UCL		57.5
821												
822				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
823				k star (bias corrected)		1.234				Data appear Gamma Distributed at 5% Significance Level		
824				Theta Star		39.74						
825				nu star		96.25						
826												
827				A-D Test Statistic		0.229				Nonparametric Statistics		
828				5% A-D Critical Value		0.77				Kaplan-Meier (KM) Method		
829				K-S Test Statistic		0.77				Mean		43.76
830				5% K-S Critical Value		0.145				SD		44.96
831				Data appear Gamma Distributed at 5% Significance Level						SE of Mean		6.68
832										95% KM (t) UCL		54.98
833				Assuming Gamma Distribution						95% KM (z) UCL		54.75
834				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		54.96
835				Minimum		3.85				95% KM (bootstrap t) UCL		59.2
836				Maximum		230				95% KM (BCA) UCL		54.74
837				Mean		46.15				95% KM (Percentile Bootstrap) UCL		55.57
838				Median		34.07				95% KM (Chebyshev) UCL		72.88
839				SD		44.74				97.5% KM (Chebyshev) UCL		85.48
840				k star		1.307				99% KM (Chebyshev) UCL		110.2
841				Theta star		35.32						
842				Nu star		122.8				Potential UCLs to Use		
843				AppChi2		98.23				95% KM (BCA) UCL		54.74
844				95% Gamma Approximate UCL		57.7						
845				95% Adjusted Gamma UCL		58.11						
846	Note: DL/2 is not a recommended method.											
847												
848												

	A	B	C	D	E	F	G	H	I	J	K	L
849	Mercury											
850												
851						General Statistics						
852						Number of Valid Data	47			Number of Detected Data		37
853						Number of Distinct Detected Data	36			Number of Non-Detect Data		10
854										Percent Non-Detects		21.28%
855												
856						Raw Statistics				Log-transformed Statistics		
857						Minimum Detected	0.0068			Minimum Detected		-4.991
858						Maximum Detected	38			Maximum Detected		3.638
859						Mean of Detected	2.694			Mean of Detected		-1.182
860						SD of Detected	8.027			SD of Detected		2.021
861						Minimum Non-Detect	0.11			Minimum Non-Detect		-2.207
862						Maximum Non-Detect	0.57			Maximum Non-Detect		-0.562
863												
864	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		34
865	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		13
866	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		72.34%
867												
868						UCL Statistics						
869						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
870						Shapiro Wilk Test Statistic	0.363			Shapiro Wilk Test Statistic		0.964
871						5% Shapiro Wilk Critical Value	0.936			5% Shapiro Wilk Critical Value		0.936
872						Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level		
873												
874						Assuming Normal Distribution				Assuming Lognormal Distribution		
875						DL/2 Substitution Method				DL/2 Substitution Method		
876						Mean	2.159			Mean		-1.347
877						SD	7.177			SD		1.852
878						95% DL/2 (t) UCL	3.916			95% H-Stat (DL/2) UCL		3.838
879												
880						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
881						MLE yields a negative mean				Mean in Log Scale		-1.503
882										SD in Log Scale		1.932
883										Mean in Original Scale		2.14
884										SD in Original Scale		7.183
885										95% Percentile Bootstrap UCL		3.975
886										95% BCA Bootstrap UCL		4.678
887												
888						Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only		
889						k star (bias corrected)	0.307			Data appear Lognormal at 5% Significance Level		
890						Theta Star	8.765					
891						nu star	22.74					
892												
893						A-D Test Statistic	2.998			Nonparametric Statistics		
894						5% A-D Critical Value	0.854			Kaplan-Meier (KM) Method		
895						K-S Test Statistic	0.854			Mean		2.141
896						5% K-S Critical Value	0.157			SD		7.105
897						Data not Gamma Distributed at 5% Significance Level				SE of Mean		1.051
898										95% KM (t) UCL		3.905
899						Assuming Gamma Distribution				95% KM (z) UCL		3.87
900						Gamma ROS Statistics using Extrapolated Data				95% KM (jackknife) UCL		3.9
901						Minimum	1E-09			95% KM (bootstrap t) UCL		9.793

902					Maximum	38				95% KM (BCA) UCL		4.129
903					Mean	2.21				95% KM (Percentile Bootstrap) UCL		3.942
904					Median	0.156				95% KM (Chebyshev) UCL		6.721
905					SD	7.188				97.5% KM (Chebyshev) UCL		8.703
906					k star	0.143				99% KM (Chebyshev) UCL		12.6
907					Theta star	15.47						
908					Nu star	13.43				**Potential UCLs to Use**		
909					AppChi2	6.183				99% KM (Chebyshev) UCL		12.6
910					95% Gamma Approximate UCL	4.801						
911					95% Adjusted Gamma UCL	4.925						
912	**Note: DL/2 is not a recommended method.**											
913												
914												
915	**Vanadium**											
916												
917						**General Statistics**						
918					Number of Valid Data	29				Number of Detected Data		23
919					Number of Distinct Detected Data	22				Number of Non-Detect Data		6
920										Percent Non-Detects		20.69%
921												
922					**Raw Statistics**					**Log-transformed Statistics**		
923					Minimum Detected	1.66				Minimum Detected		0.507
924					Maximum Detected	43				Maximum Detected		3.761
925					Mean of Detected	8.6				Mean of Detected		1.793
926					SD of Detected	8.988				SD of Detected		0.84
927					Minimum Non-Detect	5				Minimum Non-Detect		1.609
928					Maximum Non-Detect	9				Maximum Non-Detect		2.197
929												
930	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		21
931	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		8
932	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		72.41%
933												
934						**UCL Statistics**						
935					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
936					Shapiro Wilk Test Statistic	0.691				Shapiro Wilk Test Statistic		0.969
937					5% Shapiro Wilk Critical Value	0.914				5% Shapiro Wilk Critical Value		0.914
938					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
939												
940					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
941					DL/2 Substitution Method					DL/2 Substitution Method		
942					Mean	7.614				Mean		1.696
943					SD	8.212				SD		0.775
944					95% DL/2 (t) UCL	10.21				95% H-Stat (DL/2) UCL		11.11
945												
946					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
947					**MLE yields a negative mean**					Mean in Log Scale		1.691
948										SD in Log Scale		0.781
949										Mean in Original Scale		7.605
950										SD in Original Scale		8.223
951										95% Percentile Bootstrap UCL		10.31
952										95% BCA Bootstrap UCL		11.37
953												
954					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		

	A	B	C	D	E	F	G	H	I	J	K	L
955					k star (bias corrected)	1.366	**Data appear Gamma Distributed at 5% Significance Level**					
956					Theta Star	6.298						
957					nu star	62.82						
958												
959					A-D Test Statistic	0.477	**Nonparametric Statistics**					
960					5% A-D Critical Value	0.76					Kaplan-Meier (KM) Method	
961					K-S Test Statistic	0.76					Mean	7.625
962					5% K-S Critical Value	0.185					SD	8.099
963	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	1.548
964											95% KM (t) UCL	10.26
965				**Assuming Gamma Distribution**							95% KM (z) UCL	10.17
966				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	10.25
967					Minimum	1.66					95% KM (bootstrap t) UCL	12.38
968					Maximum	43					95% KM (BCA) UCL	10.39
969					Mean	8.351					95% KM (Percentile Bootstrap) UCL	10.28
970					Median	5.84					95% KM (Chebyshev) UCL	14.37
971					SD	8.083					97.5% KM (Chebyshev) UCL	17.29
972					k star	1.647					99% KM (Chebyshev) UCL	23.02
973					Theta star	5.07						
974					Nu star	95.54	**Potential UCLs to Use**					
975					AppChi2	73.99					95% KM (BCA) UCL	10.39
976				95% Gamma Approximate UCL		10.78						
977				95% Adjusted Gamma UCL		10.95						
978	**Note: DL/2 is not a recommended method.**											

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3			From File	C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Industrial Files\ProUCL_Inpu								
4			Full Precision	OFF								
5			Confidence Coefficient	95%								
6			Number of Bootstrap Operations	2000								
7												
8												
9	Aroclor-1221											
10												
11						General Statistics						
12						Number of Valid Data	44			Number of Detected Data	1	
13						Number of Distinct Detected Data	1			Number of Non-Detect Data	43	
14										Percent Non-Detects	97.73%	
15												
16						Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!						
17						It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).						
18												
19						The data set for variable Aroclor-1221 was not processed!						
20												
21												
22	Aroclor-1254											
23						General Statistics						
24						Number of Valid Data	44			Number of Detected Data	19	
25						Number of Distinct Detected Data	16			Number of Non-Detect Data	25	
26										Percent Non-Detects	56.82%	
27												
28						Raw Statistics				Log-transformed Statistics		
29						Minimum Detected	0.013			Minimum Detected	-4.343	
30						Maximum Detected	11			Maximum Detected	2.398	
31						Mean of Detected	0.746			Mean of Detected	-1.917	
32						SD of Detected	2.488			SD of Detected	1.476	
33						Minimum Non-Detect	0.0017			Minimum Non-Detect	-6.377	
34						Maximum Non-Detect	2.45			Maximum Non-Detect	0.896	
35												
36						Note: Data have multiple DLs - Use of KM Method is recommended				Number treated as Non-Detect	43	
37						For all methods (except KM, DL/2, and ROS Methods),				Number treated as Detected	1	
38						Observations < Largest ND are treated as NDs				Single DL Non-Detect Percentage	97.73%	
39												
40						UCL Statistics						
41						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
42						Shapiro Wilk Test Statistic	0.29			Shapiro Wilk Test Statistic	0.876	
43						5% Shapiro Wilk Critical Value	0.901			5% Shapiro Wilk Critical Value	0.901	
44						Data not Normal at 5% Significance Level				Data not Lognormal at 5% Significance Level		
45												
46						Assuming Normal Distribution				Assuming Lognormal Distribution		
47						DL/2 Substitution Method				DL/2 Substitution Method		
48						Mean	0.514			Mean	-2.883	
49						SD	1.669			SD	2.453	
50						95% DL/2 (t) UCL	0.937			95% H-Stat (DL/2) UCL	2.663	
51												
52						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
53						MLE method failed to converge properly				Mean in Log Scale	-3.486	

54											SD in Log Scale	1.847
55											Mean in Original Scale	0.33
56											SD in Original Scale	1.651
57											95% Percentile Bootstrap UCL	0.825
58											95% BCA Bootstrap UCL	1.1
59												
60				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
61						k star (bias corrected)	0.376				Data do not follow a Discernable Distribution (0.05)	
62						Theta Star	1.986					
63						nu star	14.28					
64												
65						A-D Test Statistic	2.874				Nonparametric Statistics	
66						5% A-D Critical Value	0.822				Kaplan-Meier (KM) Method	
67						K-S Test Statistic	0.822				Mean	0.344
68						5% K-S Critical Value	0.212				SD	1.63
69				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.253
70											95% KM (t) UCL	0.769
71				Assuming Gamma Distribution							95% KM (z) UCL	0.76
72				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.761
73						Minimum	0.013				95% KM (bootstrap t) UCL	4.862
74						Maximum	11				95% KM (BCA) UCL	0.862
75						Mean	0.882				95% KM (Percentile Bootstrap) UCL	0.843
76						Median	0.339				95% KM (Chebyshev) UCL	1.446
77						SD	1.729				97.5% KM (Chebyshev) UCL	1.923
78						k star	0.651				99% KM (Chebyshev) UCL	2.859
79						Theta star	1.355					
80						Nu star	57.26				Potential UCLs to Use	
81						AppChi2	40.87				95% KM (BCA) UCL	0.862
82						95% Gamma Approximate UCL	1.236					
83						95% Adjusted Gamma UCL	1.25					
84	Note: DL/2 is not a recommended method.											
85												
86												
87	Aroclor-1260											
88												
89							General Statistics					
90						Number of Valid Data	44				Number of Detected Data	2
91						Number of Distinct Detected Data	2				Number of Non-Detect Data	42
92											Percent Non-Detects	95.45%
93												
94				Raw Statistics							Log-transformed Statistics	
95						Minimum Detected	1.2				Minimum Detected	0.182
96						Maximum Detected	1.4				Maximum Detected	0.336
97						Mean of Detected	1.3				Mean of Detected	0.259
98						SD of Detected	0.141				SD of Detected	0.109
99						Minimum Non-Detect	0.0017				Minimum Non-Detect	-6.377
100						Maximum Non-Detect	2.45				Maximum Non-Detect	0.896
101												
102	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	44
103	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
104	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
105												
106	Warning: Data set has only 2 Distinct Detected Values.											

	A	B	C	D	E	F	G	H	I	J	K	L
107	This may not be adequate enough to compute meaningful and reliable test statistics and estimates.											
108	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
109												
110	Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.											
111												
112	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
113	Those methods will return a 'N/A' value on your output display!											
114												
115	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
116	However, results obtained using 4 to 9 distinct values may not be reliable.											
117	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
118												
119	UCL Statistics											
120	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
121					Shapiro Wilk Test Statistic	N/A					Shapiro Wilk Test Statistic	N/A
122					5% Shapiro Wilk Critical Value	N/A					5% Shapiro Wilk Critical Value	N/A
123	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
124												
125	Assuming Normal Distribution						Assuming Lognormal Distribution					
126					DL/2 Substitution Method						DL/2 Substitution Method	
127					Mean	0.257					Mean	-3.968
128					SD	0.481					SD	2.49
129					95% DL/2 (t) UCL	0.378					95% H-Stat (DL/2) UCL	2.258
130												
131					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
132	MLE method failed to converge properly										Mean in Log Scale	N/A
133											SD in Log Scale	N/A
134											Mean in Original Scale	N/A
135											SD in Original Scale	N/A
136											95% Percentile Bootstrap UCL	N/A
137											95% BCA Bootstrap UCL	N/A
138												
139	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
140					k star (bias corrected)	N/A	Data do not follow a Discernable Distribution (0.05)					
141					Theta Star	N/A						
142					nu star	N/A						
143												
144					A-D Test Statistic	N/A	Nonparametric Statistics					
145					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
146					K-S Test Statistic	N/A					Mean	1.205
147					5% K-S Critical Value	N/A					SD	0.0324
148	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.00754
149											95% KM (t) UCL	1.218
150	Assuming Gamma Distribution										95% KM (z) UCL	1.218
151					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.335
152					Minimum	N/A					95% KM (bootstrap t) UCL	1.206
153					Maximum	N/A					95% KM (BCA) UCL	1.4
154					Mean	N/A					95% KM (Percentile Bootstrap) UCL	1.4
155					Median	N/A					95% KM (Chebyshev) UCL	1.238
156					SD	N/A					97.5% KM (Chebyshev) UCL	1.252
157					k star	N/A					99% KM (Chebyshev) UCL	1.28
158					Theta star	N/A						
159					Nu star	N/A	Potential UCLs to Use					

160				AppChi2	N/A					95% KM (t) UCL		1.218
161			95% Gamma Approximate UCL		N/A					95% KM (% Bootstrap) UCL		1.4
162			95% Adjusted Gamma UCL		N/A							
163	**Note: DL/2 is not a recommended method.**											
164												
165												
166	**Aroclor-1268**											
167												
168					**General Statistics**							
169				Number of Valid Data	36				Number of Detected Data			30
170				Number of Distinct Detected Data	28				Number of Non-Detect Data			6
171									Percent Non-Detects			16.67%
172												
173			**Raw Statistics**						**Log-transformed Statistics**			
174				Minimum Detected	0.014				Minimum Detected			-4.269
175				Maximum Detected	19				Maximum Detected			2.944
176				Mean of Detected	2.548				Mean of Detected			-0.441
177				SD of Detected	4.434				SD of Detected			1.977
178				Minimum Non-Detect	0.038				Minimum Non-Detect			-3.27
179				Maximum Non-Detect	2.45				Maximum Non-Detect			0.896
180												
181	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			28
182	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			8
183	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			77.78%
184												
185					**UCL Statistics**							
186			**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**			
187				Shapiro Wilk Test Statistic	0.587				Shapiro Wilk Test Statistic			0.944
188				5% Shapiro Wilk Critical Value	0.927				5% Shapiro Wilk Critical Value			0.927
189			**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**			
190												
191			**Assuming Normal Distribution**						**Assuming Lognormal Distribution**			
192				DL/2 Substitution Method					DL/2 Substitution Method			
193				Mean	2.286				Mean			-0.456
194				SD	4.083				SD			1.909
195				95% DL/2 (t) UCL	3.436				95% H-Stat (DL/2) UCL			9.387
196												
197				Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method			
198			**MLE yields a negative mean**						Mean in Log Scale			-0.655
199									SD in Log Scale			1.901
200									Mean in Original Scale			2.161
201									SD in Original Scale			4.13
202									95% Percentile Bootstrap UCL			3.393
203									95% BCA Bootstrap UCL			3.756
204												
205			**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**			
206				k star (bias corrected)	0.442				**Data appear Gamma Distributed at 5% Significance Level**			
207				Theta Star	5.764							
208				nu star	26.53							
209												
210				A-D Test Statistic	0.578				**Nonparametric Statistics**			
211				5% A-D Critical Value	0.817				Kaplan-Meier (KM) Method			
212				K-S Test Statistic	0.817				Mean			2.212

213				5% K-S Critical Value	0.17					SD	4.058	
214	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	0.69	
215										95% KM (t) UCL	3.377	
216	Assuming Gamma Distribution									95% KM (z) UCL	3.347	
217	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	3.374	
218				Minimum	1E-09					95% KM (bootstrap t) UCL	4.476	
219				Maximum	19					95% KM (BCA) UCL	3.506	
220				Mean	2.297					95% KM (Percentile Bootstrap) UCL	3.388	
221				Median	1.217					95% KM (Chebyshev) UCL	5.218	
222				SD	4.08					97.5% KM (Chebyshev) UCL	6.518	
223				k star	0.367					99% KM (Chebyshev) UCL	9.073	
224				Theta star	6.255							
225				Nu star	26.44					Potential UCLs to Use		
226				AppChi2	15.72					95% KM (Chebyshev) UCL	5.218	
227				95% Gamma Approximate UCL	3.863							
228				95% Adjusted Gamma UCL	3.958							
229	Note: DL/2 is not a recommended method.											
230												
231												
232	Arsenic											
233												
234	General Statistics											
235				Number of Valid Data	10					Number of Detected Data	3	
236				Number of Distinct Detected Data	3					Number of Non-Detect Data	7	
237										Percent Non-Detects	70.00%	
238												
239	Raw Statistics									Log-transformed Statistics		
240				Minimum Detected	0.23					Minimum Detected	-1.47	
241				Maximum Detected	3.3					Maximum Detected	1.194	
242				Mean of Detected	1.477					Mean of Detected	-0.127	
243				SD of Detected	1.614					SD of Detected	1.332	
244				Minimum Non-Detect	1.6					Minimum Non-Detect	0.47	
245				Maximum Non-Detect	2					Maximum Non-Detect	0.693	
246												
247	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	9	
248	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1	
249	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	90.00%	
250												
251	Warning: There are only 3 Distinct Detected Values in this data set											
252	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
253	Those methods will return a 'N/A' value on your output display!											
254												
255	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
256	However, results obtained using 4 to 9 distinct values may not be reliable.											
257	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
258												
259	UCL Statistics											
260	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
261				Shapiro Wilk Test Statistic	0.904					Shapiro Wilk Test Statistic	1	
262				5% Shapiro Wilk Critical Value	0.767					5% Shapiro Wilk Critical Value	0.767	
263	Data appear Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
264												
265	Assuming Normal Distribution									Assuming Lognormal Distribution		

	A	B	C	D	E	F	G	H	I	J	K	L
266					DL/2 Substitution Method						DL/2 Substitution Method	
267					Mean	1.053					Mean	-0.136
268					SD	0.817					SD	0.631
269					95% DL/2 (t) UCL	1.526					95% H-Stat (DL/2) UCL	1.549
270												
271					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
272					**MLE method failed to converge properly**						Mean in Log Scale	-0.625
273											SD in Log Scale	0.841
274											Mean in Original Scale	0.785
275											SD in Original Scale	0.924
276											95% Percentile Bootstrap UCL	1.303
277											95% BCA Bootstrap UCL	1.487
278												
279					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
280					k star (bias corrected)	N/A					**Data appear Normal at 5% Significance Level**	
281					Theta Star	N/A						
282					nu star	N/A						
283												
284					A-D Test Statistic	N/A					**Nonparametric Statistics**	
285					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
286					K-S Test Statistic	N/A					Mean	0.838
287					5% K-S Critical Value	N/A					SD	0.88
288					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.411
289											95% KM (t) UCL	1.592
290					**Assuming Gamma Distribution**						95% KM (z) UCL	1.515
291					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.726
292					Minimum	N/A					95% KM (bootstrap t) UCL	1.692
293					Maximum	N/A					95% KM (BCA) UCL	3.3
294					Mean	N/A					95% KM (Percentile Bootstrap) UCL	3.3
295					Median	N/A					95% KM (Chebyshev) UCL	2.631
296					SD	N/A					97.5% KM (Chebyshev) UCL	3.407
297					k star	N/A					99% KM (Chebyshev) UCL	4.931
298					Theta star	N/A						
299					Nu star	N/A					**Potential UCLs to Use**	
300					AppChi2	N/A					95% KM (t) UCL	1.592
301					95% Gamma Approximate UCL	N/A					95% KM (Percentile Bootstrap) UCL	3.3
302					95% Adjusted Gamma UCL	N/A						
303	**Note: DL/2 is not a recommended method.**											
304												
305												
306	**Benzo(a)anthracene**											
307												
308						**General Statistics**							
309					Number of Valid Data	19					Number of Detected Data	8
310					Number of Distinct Detected Data	8					Number of Non-Detect Data	11
311											Percent Non-Detects	57.89%
312												
313					**Raw Statistics**						**Log-transformed Statistics**	
314					Minimum Detected	0.0058					Minimum Detected	-5.15
315					Maximum Detected	0.86					Maximum Detected	-0.151
316					Mean of Detected	0.238					Mean of Detected	-2.21
317					SD of Detected	0.28					SD of Detected	1.582
318					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109

319				Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
320												
321	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	18
322	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	1
323	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	94.74%
324												
325	**Warning: There are only 8 Detected Values in this data**											
326	**Note: It should be noted that even though bootstrap may be performed on this data set**											
327	**the resulting calculations may not be reliable enough to draw conclusions**											
328												
329	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
330												
331	**UCL Statistics**											
332	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
333				Shapiro Wilk Test Statistic	0.798					Shapiro Wilk Test Statistic	0.957
334				5% Shapiro Wilk Critical Value	0.818					5% Shapiro Wilk Critical Value	0.818
335	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**		
336												
337	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
338				DL/2 Substitution Method						DL/2 Substitution Method		
339				Mean	0.206					Mean	-1.918
340				SD	0.177					SD	1.021
341				95% DL/2 (t) UCL	0.276					95% H-Stat (DL/2) UCL	0.559
342												
343				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
344	**MLE method failed to converge properly**									Mean in Log Scale	-2.557
345										SD in Log Scale	1.106
346										Mean in Original Scale	0.14
347										SD in Original Scale	0.197
348										95% Percentile Bootstrap UCL	0.221
349										95% BCA Bootstrap UCL	0.251
350												
351	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
352				k star (bias corrected)	0.564					**Data appear Gamma Distributed at 5% Significance Level**		
353				Theta Star	0.422							
354				nu star	9.031							
355												
356				A-D Test Statistic	0.142					**Nonparametric Statistics**		
357				5% A-D Critical Value	0.744					Kaplan-Meier (KM) Method		
358				K-S Test Statistic	0.744					Mean	0.167	
359				5% K-S Critical Value	0.304					SD	0.194	
360	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.0552	
361										95% KM (t) UCL	0.263	
362	**Assuming Gamma Distribution**									95% KM (z) UCL	0.258	
363				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.264	
364				Minimum	0.0058					95% KM (bootstrap t) UCL	0.294	
365				Maximum	0.86					95% KM (BCA) UCL	0.261	
366				Mean	0.237					95% KM (Percentile Bootstrap) UCL	0.26	
367				Median	0.236					95% KM (Chebyshev) UCL	0.408	
368				SD	0.175					97.5% KM (Chebyshev) UCL	0.512	
369				k star	1.446					99% KM (Chebyshev) UCL	0.716	
370				Theta star	0.164							
371				Nu star	54.95					**Potential UCLs to Use**		

372				AppChi2	38.92					95% KM (t) UCL	0.263
373				95% Gamma Approximate UCL	0.335						
374				95% Adjusted Gamma UCL	0.345						
375	**Note: DL/2 is not a recommended method.**										
376											
377											
378	**Benzo(a)pyrene**										
379											
380	**General Statistics**										
381				Number of Valid Data	19					Number of Detected Data	8
382				Number of Distinct Detected Data	8					Number of Non-Detect Data	11
383										Percent Non-Detects	57.89%
384											
385	**Raw Statistics**						**Log-transformed Statistics**				
386				Minimum Detected	0.0069					Minimum Detected	-4.976
387				Maximum Detected	0.96					Maximum Detected	-0.0408
388				Mean of Detected	0.259					Mean of Detected	-2.137
389				SD of Detected	0.314					SD of Detected	1.561
390				Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
391				Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892
392											
393	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	17
394	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	2
395	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	89.47%
396											
397	**Warning: There are only 8 Detected Values in this data**										
398	**Note: It should be noted that even though bootstrap may be performed on this data set**										
399	**the resulting calculations may not be reliable enough to draw conclusions**										
400											
401	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**										
402											
403	**UCL Statistics**										
404	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**				
405				Shapiro Wilk Test Statistic	0.785					Shapiro Wilk Test Statistic	0.969
406				5% Shapiro Wilk Critical Value	0.818					5% Shapiro Wilk Critical Value	0.818
407	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**				
408											
409	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**				
410				DL/2 Substitution Method						DL/2 Substitution Method	
411				Mean	0.215					Mean	-1.885
412				SD	0.2					SD	1
413				95% DL/2 (t) UCL	0.294					95% H-Stat (DL/2) UCL	0.506
414											
415				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
416	**MLE method failed to converge properly**									Mean in Log Scale	-2.501
417										SD in Log Scale	1.083
418										Mean in Original Scale	0.149
419										SD in Original Scale	0.22
420										95% Percentile Bootstrap UCL	0.237
421										95% BCA Bootstrap UCL	0.293
422											
423	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**				
424				k star (bias corrected)	0.559		**Data appear Gamma Distributed at 5% Significance Level**				

425					Theta Star	0.464						
426					nu star	8.938						
427												
428					A-D Test Statistic	0.146				Nonparametric Statistics		
429					5% A-D Critical Value	0.745				Kaplan-Meier (KM) Method		
430					K-S Test Statistic	0.745				Mean		0.176
431					5% K-S Critical Value	0.304				SD		0.215
432				Data appear Gamma Distributed at 5% Significance Level						SE of Mean		0.06
433										95% KM (t) UCL		0.28
434				Assuming Gamma Distribution						95% KM (z) UCL		0.275
435					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.281
436					Minimum	0.0069				95% KM (bootstrap t) UCL		0.331
437					Maximum	0.96				95% KM (BCA) UCL		0.279
438					Mean	0.259				95% KM (Percentile Bootstrap) UCL		0.279
439					Median	0.26				95% KM (Chebyshev) UCL		0.438
440					SD	0.196				97.5% KM (Chebyshev) UCL		0.551
441					k star	1.427				99% KM (Chebyshev) UCL		0.773
442					Theta star	0.181						
443					Nu star	54.24				Potential UCLs to Use		
444					AppChi2	38.32				95% KM (t) UCL		0.28
445					95% Gamma Approximate UCL	0.366						
446					95% Adjusted Gamma UCL	0.378						
447	Note: DL/2 is not a recommended method.											
448												
449												
450	Benzo(b)fluoranthene											
451												
452						General Statistics						
453					Number of Valid Data	10				Number of Detected Data		3
454					Number of Distinct Detected Data	3				Number of Non-Detect Data		7
455										Percent Non-Detects		70.00%
456												
457				Raw Statistics						Log-transformed Statistics		
458					Minimum Detected	0.012				Minimum Detected		-4.423
459					Maximum Detected	0.37				Maximum Detected		-0.994
460					Mean of Detected	0.143				Mean of Detected		-2.832
461					SD of Detected	0.198				SD of Detected		1.728
462					Minimum Non-Detect	0.33				Minimum Non-Detect		-1.109
463					Maximum Non-Detect	0.37				Maximum Non-Detect		-0.994
464												
465	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		9
466	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
467	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		90.00%
468												
469	Warning: There are only 3 Distinct Detected Values in this data set											
470	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											
471	Those methods will return a 'N/A' value on your output display!											
472												
473	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
474	However, results obtained using 4 to 9 distinct values may not be reliable.											
475	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
476												
477	UCL Statistics											

478	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
479	Shapiro Wilk Test Statistic					0.821	Shapiro Wilk Test Statistic					0.985
480	5% Shapiro Wilk Critical Value					0.767	5% Shapiro Wilk Critical Value					0.767
481	**Data appear Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
482												
483	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
484	DL/2 Substitution Method						DL/2 Substitution Method					
485	Mean					0.164	Mean					-2.076
486	SD					0.0945	SD					0.968
487	95% DL/2 (t) UCL					0.219	95% H-Stat (DL/2) UCL					0.521
488												
489	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
490	**MLE method failed to converge properly**						Mean in Log Scale					-3.482
491							SD in Log Scale					1.032
492							Mean in Original Scale					0.0613
493							SD in Original Scale					0.109
494							95% Percentile Bootstrap UCL					0.129
495							95% BCA Bootstrap UCL					0.164
496												
497	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
498	k star (bias corrected)					N/A	**Data appear Normal at 5% Significance Level**					
499	Theta Star					N/A						
500	nu star					N/A						
501												
502	A-D Test Statistic					N/A	**Nonparametric Statistics**					
503	5% A-D Critical Value					N/A	Kaplan-Meier (KM) Method					
504	K-S Test Statistic					N/A	Mean					0.0631
505	5% K-S Critical Value					N/A	SD					0.104
506	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					0.0418
507							95% KM (t) UCL					0.14
508	**Assuming Gamma Distribution**						95% KM (z) UCL					0.132
509	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.136
510	Minimum					N/A	95% KM (bootstrap t) UCL					0.255
511	Maximum					N/A	95% KM (BCA) UCL					0.37
512	Mean					N/A	95% KM (Percentile Bootstrap) UCL					0.37
513	Median					N/A	95% KM (Chebyshev) UCL					0.245
514	SD					N/A	97.5% KM (Chebyshev) UCL					0.324
515	k star					N/A	99% KM (Chebyshev) UCL					0.479
516	Theta star					N/A						
517	Nu star					N/A	**Potential UCLs to Use**					
518	AppChi2					N/A	95% KM (t) UCL					0.14
519	95% Gamma Approximate UCL					N/A	95% KM (Percentile Bootstrap) UCL					0.37
520	95% Adjusted Gamma UCL					N/A						
521	**Note: DL/2 is not a recommended method.**											
522												
523												
524	**Benzo(b/k)fluoranthene**											
525												
526	**General Statistics**											
527	Number of Valid Data					9	Number of Detected Data					6
528	Number of Distinct Detected Data					6	Number of Non-Detect Data					3
529							Percent Non-Detects					33.33%
530												

	A	B	C	D	E	F	G	H	I	J	K	L
531	**Raw Statistics**						**Log-transformed Statistics**					
532					Minimum Detected	0.055					Minimum Detected	-2.9
533					Maximum Detected	0.72					Maximum Detected	-0.329
534					Mean of Detected	0.281					Mean of Detected	-1.638
535					SD of Detected	0.244					SD of Detected	1.009
536					Minimum Non-Detect	0.38					Minimum Non-Detect	-0.968
537					Maximum Non-Detect	0.4					Maximum Non-Detect	-0.916
538												
539	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	8
540	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
541	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	88.89%
542												
543	**Warning: There are only 6 Detected Values in this data**											
544	**Note: It should be noted that even though bootstrap may be performed on this data set**											
545	**the resulting calculations may not be reliable enough to draw conclusions**											
546												
547	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
548												
549	**UCL Statistics**											
550	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
551					Shapiro Wilk Test Statistic	0.873					Shapiro Wilk Test Statistic	0.907
552					5% Shapiro Wilk Critical Value	0.788					5% Shapiro Wilk Critical Value	0.788
553	**Data appear Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
554												
555	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
556					DL/2 Substitution Method						DL/2 Substitution Method	
557					Mean	0.253					Mean	-1.635
558					SD	0.198					SD	0.798
559					95% DL/2 (t) UCL	0.375					95% H-Stat (DL/2) UCL	0.634
560												
561					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
562	**MLE method failed to converge properly**										Mean in Log Scale	-1.732
563											SD in Log Scale	0.834
564											Mean in Original Scale	0.239
565											SD in Original Scale	0.205
566											95% Percentile Bootstrap UCL	0.357
567											95% BCA Bootstrap UCL	0.389
568												
569	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
570					k star (bias corrected)	0.86	**Data appear Normal at 5% Significance Level**					
571					Theta Star	0.327						
572					nu star	10.32						
573												
574					A-D Test Statistic	0.321	**Nonparametric Statistics**					
575					5% A-D Critical Value	0.708					Kaplan-Meier (KM) Method	
576					K-S Test Statistic	0.708					Mean	0.252
577					5% K-S Critical Value	0.337					SD	0.198
578	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.0786
579											95% KM (t) UCL	0.398
580	**Assuming Gamma Distribution**										95% KM (z) UCL	0.381
581					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.399
582					Minimum	0.055					95% KM (bootstrap t) UCL	0.422
583					Maximum	0.72					95% KM (BCA) UCL	0.372

584					Mean	0.28				95% KM (Percentile Bootstrap) UCL		0.372
585					Median	0.277				95% KM (Chebyshev) UCL		0.595
586					SD	0.197				97.5% KM (Chebyshev) UCL		0.743
587					k star	1.482				99% KM (Chebyshev) UCL		1.034
588					Theta star	0.189						
589					Nu star	26.68				**Potential UCLs to Use**		
590					AppChi2	15.9				95% KM (t) UCL		0.398
591					95% Gamma Approximate UCL	0.47				95% KM (Percentile Bootstrap) UCL		0.372
592					95% Adjusted Gamma UCL	0.527						
593	**Note: DL/2 is not a recommended method.**											
594												
595												
596	**Carbazole**											
597						**General Statistics**						
598					Number of Valid Data	9				Number of Detected Data		1
599					Number of Distinct Detected Data	1				Number of Non-Detect Data		8
600										Percent Non-Detects		88.89%
601												
602	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
603	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
604												
605	**The data set for variable Carbazole was not processed!**											
606												
607												
608	**Chromium**											
609												
610						**General Statistics**						
611					Number of Valid Observations	10				Number of Distinct Observations		9
612												
613					**Raw Statistics**					**Log-transformed Statistics**		
614					Minimum	3				Minimum of Log Data		1.099
615					Maximum	12.7				Maximum of Log Data		2.542
616					Mean	5.861				Mean of log Data		1.679
617					Median	5.15				SD of log Data		0.43
618					SD	2.88						
619					Coefficient of Variation	0.491						
620					Skewness	1.658						
621												
622						**Relevant UCL Statistics**						
623					**Normal Distribution Test**					**Lognormal Distribution Test**		
624					Shapiro Wilk Test Statistic	0.833				Shapiro Wilk Test Statistic		0.943
625					Shapiro Wilk Critical Value	0.842				Shapiro Wilk Critical Value		0.842
626					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
627												
628					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
629					95% Student's-t UCL	7.53				95% H-UCL		7.966
630					**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL		9.31
631					95% Adjusted-CLT UCL	7.869				97.5% Chebyshev (MVUE) UCL		10.82
632					95% Modified-t UCL	7.61				99% Chebyshev (MVUE) UCL		13.79
633												
634					**Gamma Distribution Test**					**Data Distribution**		
635					k star (bias corrected)	4.079				**Data appear Gamma Distributed at 5% Significance Level**		
636					Theta Star	1.437						

					MLE of Mean	5.861						
					MLE of Standard Deviation	2.902						
					nu star	81.57						
					Approximate Chi Square Value (.05)	61.76	**Nonparametric Statistics**					
					Adjusted Level of Significance	0.0267					95% CLT UCL	7.359
					Adjusted Chi Square Value	58.77					95% Jackknife UCL	7.53
											95% Standard Bootstrap UCL	7.261
					Anderson-Darling Test Statistic	0.418					95% Bootstrap-t UCL	8.651
					Anderson-Darling 5% Critical Value	0.729					95% Hall's Bootstrap UCL	12.9
					Kolmogorov-Smirnov Test Statistic	0.204					95% Percentile Bootstrap UCL	7.41
					Kolmogorov-Smirnov 5% Critical Value	0.267					95% BCA Bootstrap UCL	7.76
					Data appear Gamma Distributed at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL	9.831
											97.5% Chebyshev(Mean, Sd) UCL	11.55
					Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL	14.92
					95% Approximate Gamma UCL	7.741						
					95% Adjusted Gamma UCL	8.135						
					Potential UCL to Use						Use 95% Approximate Gamma UCL	7.741

Dibenzo(a,h)anthracene

General Statistics

Number of Valid Data	19	Number of Detected Data	6
Number of Distinct Detected Data	6	Number of Non-Detect Data	13
		Percent Non-Detects	68.42%

Raw Statistics		**Log-transformed Statistics**	
Minimum Detected	0.0017	Minimum Detected	-6.377
Maximum Detected	0.26	Maximum Detected	-1.347
Mean of Detected	0.0833	Mean of Detected	-3.37
SD of Detected	0.0944	SD of Detected	1.834
Minimum Non-Detect	0.33	Minimum Non-Detect	-1.109
Maximum Non-Detect	0.41	Maximum Non-Detect	-0.892
Note: Data have multiple DLs - Use of KM Method is recommended		Number treated as Non-Detect	19
For all methods (except KM, DL/2, and ROS Methods),		Number treated as Detected	0
Observations < Largest ND are treated as NDs		Single DL Non-Detect Percentage	100.00%

Warning: There are only 6 Detected Values in this data

Note: It should be noted that even though bootstrap may be performed on this data set

the resulting calculations may not be reliable enough to draw conclusions

It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.

UCL Statistics

Normal Distribution Test with Detected Values Only		**Lognormal Distribution Test with Detected Values Only**	
Shapiro Wilk Test Statistic	0.839	Shapiro Wilk Test Statistic	0.918
5% Shapiro Wilk Critical Value	0.788	5% Shapiro Wilk Critical Value	0.788
Data appear Normal at 5% Significance Level		**Data appear Lognormal at 5% Significance Level**	
Assuming Normal Distribution		**Assuming Lognormal Distribution**	
DL/2 Substitution Method		DL/2 Substitution Method	

690					Mean	0.152					Mean	-2.226
691					SD	0.0698					SD	1.255
692					95% DL/2 (t) UCL	0.18					95% H-Stat (DL/2) UCL	0.743
693												
694					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
695					**MLE method failed to converge properly**						Mean in Log Scale	-3.37
696											SD in Log Scale	1.23
697											Mean in Original Scale	0.0606
698											SD in Original Scale	0.0638
699											95% Percentile Bootstrap UCL	0.0852
700											95% BCA Bootstrap UCL	0.0959
701												
702					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
703					k star (bias corrected)	0.454					**Data appear Normal at 5% Significance Level**	
704					Theta Star	0.184						
705					nu star	5.444						
706												
707					A-D Test Statistic	0.231					**Nonparametric Statistics**	
708					5% A-D Critical Value	0.725					Kaplan-Meier (KM) Method	
709					K-S Test Statistic	0.725					Mean	0.0833
710					5% K-S Critical Value	0.345					SD	0.0862
711					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.0385
712											95% KM (t) UCL	0.15
713					**Assuming Gamma Distribution**						95% KM (z) UCL	0.147
714					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.155
715					Minimum	0.0017					95% KM (bootstrap t) UCL	0.226
716					Maximum	0.26					95% KM (BCA) UCL	0.15
717					Mean	0.0735					95% KM (Percentile Bootstrap) UCL	0.151
718					Median	0.0603					95% KM (Chebyshev) UCL	0.251
719					SD	0.0654					97.5% KM (Chebyshev) UCL	0.324
720					k star	0.899					99% KM (Chebyshev) UCL	0.467
721					Theta star	0.0819						
722					Nu star	34.14					**Potential UCLs to Use**	
723					AppChi2	21.78					95% KM (t) UCL	0.15
724					95% Gamma Approximate UCL	0.115					95% KM (Percentile Bootstrap) UCL	0.151
725					95% Adjusted Gamma UCL	0.12						
726	**Note: DL/2 is not a recommended method.**											
727												
728												
729	**Indeno(1,2,3-cd)pyrene**											
730												
731						**General Statistics**						
732					Number of Valid Data	19					Number of Detected Data	7
733					Number of Distinct Detected Data	7					Number of Non-Detect Data	12
734											Percent Non-Detects	63.16%
735												
736					**Raw Statistics**						**Log-transformed Statistics**	
737					Minimum Detected	0.0072					Minimum Detected	-4.934
738					Maximum Detected	0.54					Maximum Detected	-0.616
739					Mean of Detected	0.193					Mean of Detected	-2.3
740					SD of Detected	0.182					SD of Detected	1.522
741					Minimum Non-Detect	0.33					Minimum Non-Detect	-1.109
742					Maximum Non-Detect	0.41					Maximum Non-Detect	-0.892

743												
744	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	18
745	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
746	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	94.74%
747												
748	**Warning: There are only 7 Detected Values in this data**											
749	**Note: It should be noted that even though bootstrap may be performed on this data set**											
750	**the resulting calculations may not be reliable enough to draw conclusions**											
751												
752	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
753												
754	**UCL Statistics**											
755	**Normal Distribution Test with Detected Values Only**										**Lognormal Distribution Test with Detected Values Only**	
756	Shapiro Wilk Test Statistic				0.891						Shapiro Wilk Test Statistic	0.9
757	5% Shapiro Wilk Critical Value				0.803						5% Shapiro Wilk Critical Value	0.803
758	**Data appear Normal at 5% Significance Level**										**Data appear Lognormal at 5% Significance Level**	
759												
760	**Assuming Normal Distribution**										**Assuming Lognormal Distribution**	
761	DL/2 Substitution Method										DL/2 Substitution Method	
762	Mean				0.187						Mean	-1.922
763	SD				0.106						SD	0.929
764	95% DL/2 (t) UCL				0.229						95% H-Stat (DL/2) UCL	0.431
765												
766	Maximum Likelihood Estimate(MLE) Method				N/A						Log ROS Method	
767	**MLE method failed to converge properly**										Mean in Log Scale	-2.537
768											SD in Log Scale	0.98
769											Mean in Original Scale	0.12
770											SD in Original Scale	0.124
771											95% Percentile Bootstrap UCL	0.17
772											95% BCA Bootstrap UCL	0.181
773												
774	**Gamma Distribution Test with Detected Values Only**										**Data Distribution Test with Detected Values Only**	
775	k star (bias corrected)				0.605						**Data appear Normal at 5% Significance Level**	
776	Theta Star				0.319							
777	nu star				8.473							
778												
779	A-D Test Statistic				0.297						**Nonparametric Statistics**	
780	5% A-D Critical Value				0.731						Kaplan-Meier (KM) Method	
781	K-S Test Statistic				0.731						Mean	0.157
782	5% K-S Critical Value				0.321						SD	0.132
783	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.0471
784											95% KM (t) UCL	0.238
785	**Assuming Gamma Distribution**										95% KM (z) UCL	0.234
786	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.242
787	Minimum				0.0072						95% KM (bootstrap t) UCL	0.246
788	Maximum				0.54						95% KM (BCA) UCL	0.229
789	Mean				0.189						95% KM (Percentile Bootstrap) UCL	0.23
790	Median				0.181						95% KM (Chebyshev) UCL	0.362
791	SD				0.113						97.5% KM (Chebyshev) UCL	0.451
792	k star				1.757						99% KM (Chebyshev) UCL	0.625
793	Theta star				0.107							
794	Nu star				66.77						**Potential UCLs to Use**	
795	AppChi2				48.97						95% KM (t) UCL	0.238

796				95% Gamma Approximate UCL	0.257				95% KM (Percentile Bootstrap) UCL			0.23
797				95% Adjusted Gamma UCL	0.264							
798	Note: DL/2 is not a recommended method.											
799												
800												
801	Iron											
802												
803					General Statistics							
804				Number of Valid Observations	10				Number of Distinct Observations			9
805												
806				Raw Statistics					Log-transformed Statistics			
807				Minimum	630				Minimum of Log Data			6.446
808				Maximum	14400				Maximum of Log Data			9.575
809				Mean	3719				Mean of log Data			7.851
810				Median	2800				SD of log Data			0.887
811				SD	3975							
812				Coefficient of Variation	1.069							
813				Skewness	2.544							
814												
815					Relevant UCL Statistics							
816				Normal Distribution Test					Lognormal Distribution Test			
817				Shapiro Wilk Test Statistic	0.682				Shapiro Wilk Test Statistic			0.963
818				Shapiro Wilk Critical Value	0.842				Shapiro Wilk Critical Value			0.842
819				Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level			
820												
821				Assuming Normal Distribution					Assuming Lognormal Distribution			
822				95% Student's-t UCL	6023				95% H-UCL			8901
823				95% UCLs (Adjusted for Skewness)					95% Chebyshev (MVUE) UCL			8233
824				95% Adjusted-CLT UCL	6867				97.5% Chebyshev (MVUE) UCL			10228
825				95% Modified-t UCL	6192				99% Chebyshev (MVUE) UCL			14149
826												
827				Gamma Distribution Test					Data Distribution			
828				k star (bias corrected)	1.114				Data appear Gamma Distributed at 5% Significance Level			
829				Theta Star	3338							
830				MLE of Mean	3719							
831				MLE of Standard Deviation	3523							
832				nu star	22.28							
833				Approximate Chi Square Value (.05)	12.55				Nonparametric Statistics			
834				Adjusted Level of Significance	0.0267				95% CLT UCL			5787
835				Adjusted Chi Square Value	11.3				95% Jackknife UCL			6023
836									95% Standard Bootstrap UCL			5693
837				Anderson-Darling Test Statistic	0.414				95% Bootstrap-t UCL			9276
838				Anderson-Darling 5% Critical Value	0.739				95% Hall's Bootstrap UCL			14602
839				Kolmogorov-Smirnov Test Statistic	0.194				95% Percentile Bootstrap UCL			5832
840				Kolmogorov-Smirnov 5% Critical Value	0.271				95% BCA Bootstrap UCL			6680
841				Data appear Gamma Distributed at 5% Significance Level					95% Chebyshev(Mean, Sd) UCL			9198
842									97.5% Chebyshev(Mean, Sd) UCL			11569
843				Assuming Gamma Distribution					99% Chebyshev(Mean, Sd) UCL			16227
844				95% Approximate Gamma UCL	6603							
845				95% Adjusted Gamma UCL	7334							
846												
847				Potential UCL to Use					Use 95% Approximate Gamma UCL			6603
848												

	A	B	C	D	E	F	G	H	I	J	K	L
849												
850	Mercury											
851	General Statistics											
852	Number of Valid Data					22	Number of Detected Data					21
853	Number of Distinct Detected Data					21	Number of Non-Detect Data					1
854							Percent Non-Detects					4.55%
855												
856	Raw Statistics						Log-transformed Statistics					
857	Minimum Detected					0.261	Minimum Detected					-1.343
858	Maximum Detected					17.5	Maximum Detected					2.862
859	Mean of Detected					4.87	Mean of Detected					0.918
860	SD of Detected					5.152	SD of Detected					1.293
861	Minimum Non-Detect					0.12	Minimum Non-Detect					-2.12
862	Maximum Non-Detect					0.12	Maximum Non-Detect					-2.12
863												
864	UCL Statistics											
865	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
866	Shapiro Wilk Test Statistic					0.827	Shapiro Wilk Test Statistic					0.953
867	5% Shapiro Wilk Critical Value					0.908	5% Shapiro Wilk Critical Value					0.908
868	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
869												
870	Assuming Normal Distribution						Assuming Lognormal Distribution					
871	DL/2 Substitution Method						DL/2 Substitution Method					
872	Mean					4.652	Mean					0.748
873	SD					5.132	SD					1.492
874	95% DL/2 (t) UCL					6.534	95% H-Stat (DL/2) UCL					14.96
875												
876	Maximum Likelihood Estimate(MLE) Method						Log ROS Method					
877	Mean					4.523	Mean in Log Scale					0.773
878	SD					5.19	SD in Log Scale					1.435
879	95% MLE (t) UCL					6.427	Mean in Original Scale					4.654
880	95% MLE (Tiku) UCL					6.321	SD in Original Scale					5.13
881							95% Percentile Bootstrap UCL					6.448
882							95% BCA Bootstrap UCL					6.605
883												
884	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
885	k star (bias corrected)					0.787	Data appear Gamma Distributed at 5% Significance Level					
886	Theta Star					6.187						
887	nu star					33.06						
888												
889	A-D Test Statistic					0.424	Nonparametric Statistics					
890	5% A-D Critical Value					0.776	Kaplan-Meier (KM) Method					
891	K-S Test Statistic					0.776	Mean					4.661
892	5% K-S Critical Value					0.196	SD					5.006
893	Data appear Gamma Distributed at 5% Significance Level						SE of Mean					1.094
894							95% KM (t) UCL					6.542
895	Assuming Gamma Distribution						95% KM (z) UCL					6.459
896	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					6.539
897	Minimum					1E-09	95% KM (bootstrap t) UCL					6.839
898	Maximum					17.5	95% KM (BCA) UCL					6.559
899	Mean					4.649	95% KM (Percentile Bootstrap) UCL					6.438
900	Median					2.6	95% KM (Chebyshev) UCL					9.427
901	SD					5.134	97.5% KM (Chebyshev) UCL					11.49

	A	B	C	D	E	F	G	H	I	J	K	L
902					k star	0.384				99% KM (Chebyshev) UCL		15.54
903					Theta star	12.12						
904					Nu star	16.88	**Potential UCLs to Use**					
905					AppChi2	8.588				95% KM (Chebyshev) UCL		9.427
906				95% Gamma Approximate UCL		9.139						
907				95% Adjusted Gamma UCL		9.632						
908	**Note: DL/2 is not a recommended method.**											
909												
910												

	General UCL Statistics for Data Sets with Non-Detects	
User Selected Options		
From File	C:\Documents and Settings\swebersnapp\Desktop\LCP_OU3_HHBRA\August2010\Industrial Files\ProUCL_Inpu	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

1,1,2,2-Tetrachloroethane

General Statistics

Number of Valid Data	103	Number of Detected Data	0
Number of Distinct Detected Data	0	Number of Non-Detect Data	103
		Percent Non-Detects	100.00%

Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!

Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!

The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).

The data set for variable 1,1,2,2-Tetrachloroethane was not processed!

1,4-Dichlorobenzene

General Statistics

Number of Valid Data	102	Number of Detected Data	0
Number of Distinct Detected Data	0	Number of Non-Detect Data	102
		Percent Non-Detects	100.00%

Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!

Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!

The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).

The data set for variable 1,4-Dichlorobenzene was not processed!

1,2,4-Trimethylbenzene

General Statistics

Number of Valid Data	81	Number of Detected Data	16
Number of Distinct Detected Data	15	Number of Non-Detect Data	65
		Percent Non-Detects	80.25%

Raw Statistics		Log-transformed Statistics	
Minimum Detected	0.06	Minimum Detected	-2.814
Maximum Detected	17	Maximum Detected	2.833
Mean of Detected	4.397	Mean of Detected	-0.278
SD of Detected	5.921	SD of Detected	2.308
Minimum Non-Detect	0.00009	Minimum Non-Detect	-9.316
Maximum Non-Detect	0.11	Maximum Non-Detect	-2.207
Note: Data have multiple DLs - Use of KM Method is recommended		Number treated as Non-Detect	71
For all methods (except KM, DL/2, and ROS Methods),		Number treated as Detected	10
Observations < Largest ND are treated as NDs		Single DL Non-Detect Percentage	87.65%

UCL Statistics

54	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
55				Shapiro Wilk Test Statistic		0.762					Shapiro Wilk Test Statistic	0.818
56				5% Shapiro Wilk Critical Value		0.887					5% Shapiro Wilk Critical Value	0.887
57	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
58												
59	Assuming Normal Distribution						Assuming Lognormal Distribution					
60				DL/2 Substitution Method							DL/2 Substitution Method	
61				Mean		0.891					Mean	-3.118
62				SD		3.104					SD	2.104
63				95% DL/2 (t) UCL		1.465					95% H-Stat (DL/2) UCL	0.642
64												
65				Maximum Likelihood Estimate(MLE) Method		N/A					Log ROS Method	
66	MLE yields a negative mean										Mean in Log Scale	-7.398
67											SD in Log Scale	4.856
68											Mean in Original Scale	0.871
69											SD in Original Scale	3.11
70											95% Percentile Bootstrap UCL	1.492
71											95% BCA Bootstrap UCL	1.712
72												
73	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
74				k star (bias corrected)		0.348	Data do not follow a Discernable Distribution (0.05)					
75				Theta Star		12.62						
76				nu star		11.15						
77												
78				A-D Test Statistic		1.212	Nonparametric Statistics					
79				5% A-D Critical Value		0.822					Kaplan-Meier (KM) Method	
80				K-S Test Statistic		0.822					Mean	0.917
81				5% K-S Critical Value		0.231					SD	3.078
82	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.353
83											95% KM (t) UCL	1.505
84	Assuming Gamma Distribution										95% KM (z) UCL	1.498
85				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	1.486
86				Minimum		1E-09					95% KM (bootstrap t) UCL	1.777
87				Maximum		21.45					95% KM (BCA) UCL	1.558
88				Mean		4.943					95% KM (Percentile Bootstrap) UCL	1.528
89				Median		2.382					95% KM (Chebyshev) UCL	2.456
90				SD		6.05					97.5% KM (Chebyshev) UCL	3.123
91				k star		0.14					99% KM (Chebyshev) UCL	4.431
92				Theta star		35.34						
93				Nu star		22.66	Potential UCLs to Use					
94				AppChi2		12.83					97.5% KM (Chebyshev) UCL	3.123
95				95% Gamma Approximate UCL		8.727						
96				95% Adjusted Gamma UCL		8.819						
97	Note: DL/2 is not a recommended method.											
98												
99												
100	1-Methyl Naphthalene											
101	General Statistics											
102				Number of Valid Data		84					Number of Detected Data	12
103				Number of Distinct Detected Data		12					Number of Non-Detect Data	72
104											Percent Non-Detects	85.71%
105												
106	Raw Statistics						Log-transformed Statistics					

107				Minimum Detected	0.4					Minimum Detected	-0.916	
108				Maximum Detected	26.9					Maximum Detected	3.292	
109				Mean of Detected	7.183					Mean of Detected	1.258	
110				SD of Detected	8.568					SD of Detected	1.342	
111				Minimum Non-Detect	0.31					Minimum Non-Detect	-1.171	
112				Maximum Non-Detect	3.26					Maximum Non-Detect	1.182	
113												
114	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	77	
115	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	7	
116	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	91.67%	
117												
118					UCL Statistics							
119				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
120				Shapiro Wilk Test Statistic	0.765					Shapiro Wilk Test Statistic	0.953	
121				5% Shapiro Wilk Critical Value	0.859					5% Shapiro Wilk Critical Value	0.859	
122				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
123												
124				Assuming Normal Distribution						Assuming Lognormal Distribution		
125				DL/2 Substitution Method						DL/2 Substitution Method		
126				Mean	1.191					Mean	-1.302	
127				SD	3.976					SD	1.186	
128				95% DL/2 (t) UCL	1.913					95% H-Stat (DL/2) UCL	0.55	
129												
130				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
131				MLE yields a negative mean						Mean in Log Scale	-3.896	
132										SD in Log Scale	2.966	
133										Mean in Original Scale	1.064	
134										SD in Original Scale	4.006	
135										95% Percentile Bootstrap UCL	1.837	
136										95% BCA Bootstrap UCL	2.052	
137												
138				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
139				k star (bias corrected)	0.676					Data appear Gamma Distributed at 5% Significance Level		
140				Theta Star	10.62							
141				nu star	16.24							
142												
143				A-D Test Statistic	0.388					Nonparametric Statistics		
144				5% A-D Critical Value	0.763					Kaplan-Meier (KM) Method		
145				K-S Test Statistic	0.763					Mean	1.37	
146				5% K-S Critical Value	0.254					SD	3.905	
147				Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.445	
148										95% KM (t) UCL	2.11	
149				Assuming Gamma Distribution						95% KM (z) UCL	2.102	
150				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	2.039	
151				Minimum	0.4					95% KM (bootstrap t) UCL	2.606	
152				Maximum	26.9					95% KM (BCA) UCL	3.039	
153				Mean	7.363					95% KM (Percentile Bootstrap) UCL	2.717	
154				Median	7.031					95% KM (Chebyshev) UCL	3.309	
155				SD	3.476					97.5% KM (Chebyshev) UCL	4.149	
156				k star	4.077					99% KM (Chebyshev) UCL	5.797	
157				Theta star	1.806							
158				Nu star	684.9					Potential UCLs to Use		
159				AppChi2	625.2					95% KM (t) UCL	2.11	

160				95% Gamma Approximate UCL		8.066						
161				95% Adjusted Gamma UCL		8.079						
162	Note: DL/2 is not a recommended method.											
163												
164												
165	2-Methylnaphthalene											
166					General Statistics							
167					Number of Valid Data	112				Number of Detected Data	22	
168					Number of Distinct Detected Data	20				Number of Non-Detect Data	90	
169										Percent Non-Detects	80.36%	
170												
171				Raw Statistics						Log-transformed Statistics		
172					Minimum Detected	0.0017				Minimum Detected	-6.377	
173					Maximum Detected	32				Maximum Detected	3.466	
174					Mean of Detected	3.077				Mean of Detected	-0.997	
175					SD of Detected	7.335				SD of Detected	2.291	
176					Minimum Non-Detect	0.00039				Minimum Non-Detect	-7.849	
177					Maximum Non-Detect	3.26				Maximum Non-Detect	1.182	
178												
179	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	109	
180	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	3	
181	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	97.32%	
182												
183					UCL Statistics							
184				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
185					Shapiro Wilk Test Statistic	0.472				Shapiro Wilk Test Statistic	0.973	
186					5% Shapiro Wilk Critical Value	0.911				5% Shapiro Wilk Critical Value	0.911	
187				Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
188												
189				Assuming Normal Distribution						Assuming Lognormal Distribution		
190					DL/2 Substitution Method					DL/2 Substitution Method		
191					Mean	0.757				Mean	-1.692	
192					SD	3.395				SD	1.41	
193					95% DL/2 (t) UCL	1.289				95% H-Stat (DL/2) UCL	0.658	
194												
195					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
196				MLE yields a negative mean						Mean in Log Scale	-2.625	
197										SD in Log Scale	1.854	
198										Mean in Original Scale	0.701	
199										SD in Original Scale	3.405	
200										95% Percentile Bootstrap UCL	1.291	
201										95% BCA Bootstrap UCL	1.624	
202												
203				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
204					k star (bias corrected)	0.308				Data appear Lognormal at 5% Significance Level		
205					Theta Star	9.992						
206					nu star	13.55						
207												
208					A-D Test Statistic	1.296				Nonparametric Statistics		
209					5% A-D Critical Value	0.843				Kaplan-Meier (KM) Method		
210					K-S Test Statistic	0.843				Mean	0.693	
211					5% K-S Critical Value	0.201				SD	3.389	
212				Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.328	

213											95% KM (t) UCL	1.238
214			Assuming Gamma Distribution								95% KM (z) UCL	1.234
215			Gamma ROS Statistics using Extrapolated Data								95% KM (jackknife) UCL	1.226
216					Minimum	1E-09					95% KM (bootstrap t) UCL	2.086
217					Maximum	32					95% KM (BCA) UCL	1.297
218					Mean	3.017					95% KM (Percentile Bootstrap) UCL	1.301
219					Median	3.306					95% KM (Chebyshev) UCL	2.125
220					SD	3.379					97.5% KM (Chebyshev) UCL	2.744
221					k star	0.495					99% KM (Chebyshev) UCL	3.961
222					Theta star	6.096						
223					Nu star	110.9					Potential UCLs to Use	
224					AppChi2	87.57					97.5% KM (Chebyshev) UCL	2.744
225					95% Gamma Approximate UCL	3.82						
226					95% Adjusted Gamma UCL	3.832						
227	Note: DL/2 is not a recommended method.											
228												
229	4,6-Dinitro-2-methylphenol											
230												
231						General Statistics						
232					Number of Valid Data	21					Number of Detected Data	1
233					Number of Distinct Detected Data	1					Number of Non-Detect Data	20
234											Percent Non-Detects	95.24%
235												
236	Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!											
237	It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).											
238												
239	The data set for variable 4,6-Dinitro-2-methylphenol was not processed!											
240												
241												
242	Aluminum											
243						General Statistics						
244					Number of Valid Observations	11					Number of Distinct Observations	11
245												
246					Raw Statistics						Log-transformed Statistics	
247					Minimum	2430					Minimum of Log Data	7.796
248					Maximum	21900					Maximum of Log Data	9.994
249					Mean	5036					Mean of log Data	8.274
250					Median	3320					SD of log Data	0.596
251					SD	5623						
252					Coefficient of Variation	1.117						
253					Skewness	3.252						
254												
255						Relevant UCL Statistics						
256					Normal Distribution Test						Lognormal Distribution Test	
257					Shapiro Wilk Test Statistic	0.444					Shapiro Wilk Test Statistic	0.633
258					Shapiro Wilk Critical Value	0.85					Shapiro Wilk Critical Value	0.85
259					Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level	
260												
261					Assuming Normal Distribution						Assuming Lognormal Distribution	
262					95% Student's-t UCL	8109					95% H-UCL	7238
263					95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL	8305
264					95% Adjusted-CLT UCL	9602					97.5% Chebyshev (MVUE) UCL	9909
265					95% Modified-t UCL	8386					99% Chebyshev (MVUE) UCL	13059

266												
267	**Gamma Distribution Test**						**Data Distribution**					
268					k star (bias corrected)	1.621	**Data do not follow a Discernable Distribution (0.05)**					
269					Theta Star	3106						
270					MLE of Mean	5036						
271					MLE of Standard Deviation	3955						
272					nu star	35.67						
273					Approximate Chi Square Value (.05)	23	**Nonparametric Statistics**					
274					Adjusted Level of Significance	0.0278					95% CLT UCL	7825
275					Adjusted Chi Square Value	21.36					95% Jackknife UCL	8109
276											95% Standard Bootstrap UCL	7689
277					Anderson-Darling Test Statistic	2.16					95% Bootstrap-t UCL	28143
278					Anderson-Darling 5% Critical Value	0.738					95% Hall's Bootstrap UCL	22449
279					Kolmogorov-Smirnov Test Statistic	0.384					95% Percentile Bootstrap UCL	8365
280					Kolmogorov-Smirnov 5% Critical Value	0.258					95% BCA Bootstrap UCL	10198
281	**Data not Gamma Distributed at 5% Significance Level**										95% Chebyshev(Mean, Sd) UCL	12427
282											97.5% Chebyshev(Mean, Sd) UCL	15624
283	**Assuming Gamma Distribution**										99% Chebyshev(Mean, Sd) UCL	21906
284					95% Approximate Gamma UCL	7810						
285					95% Adjusted Gamma UCL	8411						
286												
287	**Potential UCL to Use**										Use 95% Chebyshev (Mean, Sd) UCL	12427
288												
289												
290	**Antimony**											
291					**General Statistics**							
292					Number of Valid Data	14					Number of Detected Data	5
293					Number of Distinct Detected Data	5					Number of Non-Detect Data	9
294											Percent Non-Detects	64.29%
295												
296					**Raw Statistics**						**Log-transformed Statistics**	
297					Minimum Detected	0.00899					Minimum Detected	-4.712
298					Maximum Detected	9.86					Maximum Detected	2.288
299					Mean of Detected	2.047					Mean of Detected	-1.856
300					SD of Detected	4.368					SD of Detected	2.608
301					Minimum Non-Detect	0.03					Minimum Non-Detect	-3.507
302					Maximum Non-Detect	16.3					Maximum Non-Detect	2.791
303												
304	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	14
305	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
306	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
307												
308	**Warning: There are only 5 Detected Values in this data**											
309	**Note: It should be noted that even though bootstrap may be performed on this data set**											
310	**the resulting calculations may not be reliable enough to draw conclusions**											
311												
312	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
313												
314												
315	**UCL Statistics**											
316	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
317					Shapiro Wilk Test Statistic	0.567					Shapiro Wilk Test Statistic	0.922
318					5% Shapiro Wilk Critical Value	0.762					5% Shapiro Wilk Critical Value	0.762

319	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
320												
321	Assuming Normal Distribution						Assuming Lognormal Distribution					
322				DL/2 Substitution Method						DL/2 Substitution Method		
323				Mean		4.743				Mean		0.149
324				SD		3.708				SD		2.662
325				95% DL/2 (t) UCL		6.498				95% H-Stat (DL/2) UCL		3332
326												
327				Maximum Likelihood Estimate(MLE) Method		N/A				Log ROS Method		
328	MLE method failed to converge properly									Mean in Log Scale		-2.439
329										SD in Log Scale		2.055
330										Mean in Original Scale		0.858
331										SD in Original Scale		2.601
332										95% Percentile Bootstrap UCL		2.213
333										95% BCA Bootstrap UCL		2.983
334												
335	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
336				k star (bias corrected)		0.242	Data Follow Appr. Gamma Distribution at 5% Significance Level					
337				Theta Star		8.449						
338				nu star		2.422						
339												
340				A-D Test Statistic		0.665	Nonparametric Statistics					
341				5% A-D Critical Value		0.749				Kaplan-Meier (KM) Method		
342				K-S Test Statistic		0.749				Mean		1.707
343				5% K-S Critical Value		0.382				SD		3.647
344	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean		1.664
345										95% KM (t) UCL		4.655
346	Assuming Gamma Distribution									95% KM (z) UCL		4.445
347				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		4.752
348				Minimum		1E-09				95% KM (bootstrap t) UCL		114.7
349				Maximum		9.86				95% KM (BCA) UCL		4.967
350				Mean		2.355				95% KM (Percentile Bootstrap) UCL		4.95
351				Median		0.573				95% KM (Chebyshev) UCL		8.962
352				SD		3.934				97.5% KM (Chebyshev) UCL		12.1
353				k star		0.156				99% KM (Chebyshev) UCL		18.27
354				Theta star		15.11						
355				Nu star		4.364	Potential UCLs to Use					
356				AppChi2		0.87				95% KM (t) UCL		4.655
357				95% Gamma Approximate UCL		11.81						
358				95% Adjusted Gamma UCL		14.95						
359	Note: DL/2 is not a recommended method.											
360												
361												
362	Aroclor-1016											
363	General Statistics											
364				Number of Valid Data		213				Number of Detected Data		0
365				Number of Distinct Detected Data		0				Number of Non-Detect Data		213
366										Percent Non-Detects		100.00%
367												
368	Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!											
369	Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!											
370	The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).											
371												

372	The data set for variable Aroclor-1016 was not processed!											
373												
374	Aroclor-1254											
375												
376	General Statistics											
377					Number of Valid Data	212			Number of Detected Data			35
378					Number of Distinct Detected Data	31			Number of Non-Detect Data			177
379									Percent Non-Detects			83.49%
380												
381	Raw Statistics						Log-transformed Statistics					
382					Minimum Detected	0.0028			Minimum Detected			-5.878
383					Maximum Detected	28			Maximum Detected			3.332
384					Mean of Detected	3.072			Mean of Detected			-0.107
385					SD of Detected	5.233			SD of Detected			1.951
386					Minimum Non-Detect	0.00209			Minimum Non-Detect			-6.171
387					Maximum Non-Detect	3.56			Maximum Non-Detect			1.27
388												
389	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			204
390	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			8
391	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			96.23%
392												
393	UCL Statistics											
394	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
395					Shapiro Wilk Test Statistic	0.582			Shapiro Wilk Test Statistic			0.953
396					5% Shapiro Wilk Critical Value	0.934			5% Shapiro Wilk Critical Value			0.934
397	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
398												
399	Assuming Normal Distribution						Assuming Lognormal Distribution					
400					DL/2 Substitution Method				DL/2 Substitution Method			
401					Mean	1.424			Mean			-0.0514
402					SD	2.239			SD			1.105
403					95% DL/2 (t) UCL	1.679			95% H-Stat (DL/2) UCL			2.034
404												
405					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
406	MLE yields a negative mean								Mean in Log Scale			-1.868
407									SD in Log Scale			1.499
408									Mean in Original Scale			0.664
409									SD in Original Scale			2.366
410									95% Percentile Bootstrap UCL			0.967
411									95% BCA Bootstrap UCL			1.091
412												
413	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
414					k star (bias corrected)	0.49	Data appear Gamma Distributed at 5% Significance Level					
415					Theta Star	6.274						
416					nu star	34.27						
417												
418					A-D Test Statistic	0.322	Nonparametric Statistics					
419					5% A-D Critical Value	0.811			Kaplan-Meier (KM) Method			
420					K-S Test Statistic	0.811			Mean			0.828
421					5% K-S Critical Value	0.157			SD			2.375
422	Data appear Gamma Distributed at 5% Significance Level								SE of Mean			0.185
423									95% KM (t) UCL			1.134
424	Assuming Gamma Distribution								95% KM (z) UCL			1.133

425	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		1.13
426					Minimum	0.0028				95% KM (bootstrap t) UCL		1.265
427					Maximum	28				95% KM (BCA) UCL		1.138
428					Mean	3.067				95% KM (Percentile Bootstrap) UCL		1.148
429					Median	3.032				95% KM (Chebyshev) UCL		1.636
430					SD	2.108				97.5% KM (Chebyshev) UCL		1.985
431					k star	2.567				99% KM (Chebyshev) UCL		2.672
432					Theta star	1.195						
433					Nu star	1088				**Potential UCLs to Use**		
434					AppChi2	1013				95% KM (t) UCL		1.134
435				95% Gamma Approximate UCL		3.296						
436				95% Adjusted Gamma UCL		3.297						
437	**Note: DL/2 is not a recommended method.**											
438												
439												
440	**Aroclor-1260**											
441						**General Statistics**						
442					Number of Valid Data	212				Number of Detected Data		15
443				Number of Distinct Detected Data		15				Number of Non-Detect Data		197
444										Percent Non-Detects		92.92%
445												
446				**Raw Statistics**						**Log-transformed Statistics**		
447					Minimum Detected	0.031				Minimum Detected		-3.474
448					Maximum Detected	7.3				Maximum Detected		1.988
449					Mean of Detected	1.073				Mean of Detected		-0.926
450					SD of Detected	1.828				SD of Detected		1.578
451					Minimum Non-Detect	0.0017				Minimum Non-Detect		-6.377
452					Maximum Non-Detect	3.56				Maximum Non-Detect		1.27
453												
454	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		211
455	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
456	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		99.53%
457												
458						**UCL Statistics**							
459				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
460					Shapiro Wilk Test Statistic	0.568				Shapiro Wilk Test Statistic		0.956
461					5% Shapiro Wilk Critical Value	0.881				5% Shapiro Wilk Critical Value		0.881
462				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
463												
464				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
465					DL/2 Substitution Method					DL/2 Substitution Method		
466					Mean	1.045				Mean		-0.324
467					SD	0.578				SD		1.386
468					95% DL/2 (t) UCL	1.111				95% H-Stat (DL/2) UCL		2.501
469												
470					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
471				**MLE method failed to converge properly**						Mean in Log Scale		-2.932
472										SD in Log Scale		1.296
473										Mean in Original Scale		0.155
474										SD in Original Scale		0.544
475										95% Percentile Bootstrap UCL		0.226
476										95% BCA Bootstrap UCL		0.263
477												

478	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
479				k star (bias corrected)	0.538		Data appear Gamma Distributed at 5% Significance Level					
480				Theta Star	1.993							
481				nu star	16.15							
482												
483				A-D Test Statistic	0.368		Nonparametric Statistics					
484				5% A-D Critical Value	0.785					Kaplan-Meier (KM) Method		
485				K-S Test Statistic	0.785					Mean		0.28
486				5% K-S Critical Value	0.232					SD		0.638
487	Data appear Gamma Distributed at 5% Significance Level									SE of Mean		0.0769
488										95% KM (t) UCL		0.407
489	Assuming Gamma Distribution									95% KM (z) UCL		0.406
490				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.405
491				Minimum	0.031					95% KM (bootstrap t) UCL		0.435
492				Maximum	7.3					95% KM (BCA) UCL		0.438
493				Mean	1.214					95% KM (Percentile Bootstrap) UCL		0.426
494				Median	1.202					95% KM (Chebyshev) UCL		0.615
495				SD	0.511					97.5% KM (Chebyshev) UCL		0.76
496				k star	6.104					99% KM (Chebyshev) UCL		1.045
497				Theta star	0.199							
498				Nu star	2588		Potential UCLs to Use					
499				AppChi2	2471					95% KM (t) UCL		0.407
500				95% Gamma Approximate UCL	1.272							
501				95% Adjusted Gamma UCL	1.272							
502	Note: DL/2 is not a recommended method.											
503												
504												
505	Aroclor-1268											
506					General Statistics							
507				Number of Valid Data	211					Number of Detected Data		44
508				Number of Distinct Detected Data	41					Number of Non-Detect Data		167
509										Percent Non-Detects		79.15%
510												
511	Raw Statistics						Log-transformed Statistics					
512				Minimum Detected	0.0086					Minimum Detected		-4.756
513				Maximum Detected	21					Maximum Detected		3.045
514				Mean of Detected	3.384					Mean of Detected		0.22
515				SD of Detected	4.049					SD of Detected		1.819
516				Minimum Non-Detect	0.00209					Minimum Non-Detect		-6.171
517				Maximum Non-Detect	3.56					Maximum Non-Detect		1.27
518												
519	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		194
520	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		17
521	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		91.94%
522												
523					UCL Statistics							
524	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
525				Shapiro Wilk Test Statistic	0.776					Shapiro Wilk Test Statistic		0.924
526				5% Shapiro Wilk Critical Value	0.944					5% Shapiro Wilk Critical Value		0.944
527	Data not Normal at 5% Significance Level						Data not Lognormal at 5% Significance Level					
528												
529	Assuming Normal Distribution						Assuming Lognormal Distribution					
530				DL/2 Substitution Method						DL/2 Substitution Method		

531					Mean	1.605					Mean	0.086
532					SD	2.055					SD	1.037
533					95% DL/2 (t) UCL	1.839					95% H-Stat (DL/2) UCL	2.104
534												
535					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
536					**MLE yields a negative mean**						Mean in Log Scale	-1.117
537											SD in Log Scale	1.369
538											Mean in Original Scale	0.978
539											SD in Original Scale	2.227
540											95% Percentile Bootstrap UCL	1.231
541											95% BCA Bootstrap UCL	1.295
542												
543					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
544					k star (bias corrected)	0.589					**Data appear Gamma Distributed at 5% Significance Level**	
545					Theta Star	5.742						
546					nu star	51.85						
547												
548					A-D Test Statistic	0.393					**Nonparametric Statistics**	
549					5% A-D Critical Value	0.802					Kaplan-Meier (KM) Method	
550					K-S Test Statistic	0.802					Mean	1.132
551					5% K-S Critical Value	0.14					SD	2.218
552					**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.178
553											95% KM (t) UCL	1.427
554					**Assuming Gamma Distribution**						95% KM (z) UCL	1.425
555					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.426
556					Minimum	0.0086					95% KM (bootstrap t) UCL	1.485
557					Maximum	21					95% KM (BCA) UCL	1.42
558					Mean	3.383					95% KM (Percentile Bootstrap) UCL	1.435
559					Median	3.381					95% KM (Chebyshev) UCL	1.909
560					SD	1.832					97.5% KM (Chebyshev) UCL	2.245
561					k star	2.521					99% KM (Chebyshev) UCL	2.904
562					Theta star	1.342						
563					Nu star	1064					**Potential UCLs to Use**	
564					AppChi2	989.2					95% KM (t) UCL	1.427
565					95% Gamma Approximate UCL	3.639						
566					95% Adjusted Gamma UCL	3.641						
567	**Note: DL/2 is not a recommended method.**											
568												
569												
570	**Arsenic**											
571									**General Statistics**			
572					Number of Valid Data	12					Number of Detected Data	10
573					Number of Distinct Detected Data	9					Number of Non-Detect Data	2
574											Percent Non-Detects	16.67%
575												
576					**Raw Statistics**						**Log-transformed Statistics**	
577					Minimum Detected	0.24					Minimum Detected	-1.427
578					Maximum Detected	12.9					Maximum Detected	2.557
579					Mean of Detected	3.973					Mean of Detected	0.707
580					SD of Detected	4.25					SD of Detected	1.391
581					Minimum Non-Detect	2.2					Minimum Non-Detect	0.788
582					Maximum Non-Detect	2.3					Maximum Non-Detect	0.833
583												

584	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	6
585	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	6
586	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	50.00%
587												
588	UCL Statistics											
589	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
590	Shapiro Wilk Test Statistic				0.831		Shapiro Wilk Test Statistic					0.93
591	5% Shapiro Wilk Critical Value				0.842		5% Shapiro Wilk Critical Value					0.842
592	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
593												
594	Assuming Normal Distribution						Assuming Lognormal Distribution					
595	DL/2 Substitution Method						DL/2 Substitution Method					
596	Mean				3.498		Mean					0.609
597	SD				4.001		SD					1.279
598	95% DL/2 (t) UCL				5.572		95% H-Stat (DL/2) UCL					11.77
599												
600	Maximum Likelihood Estimate(MLE) Method						Log ROS Method					
601	Mean				1.949		Mean in Log Scale					0.49
602	SD				5.584		SD in Log Scale					1.356
603	95% MLE (t) UCL				4.844		Mean in Original Scale					3.403
604	95% MLE (Tiku) UCL				5.526		SD in Original Scale					4.068
605							95% Percentile Bootstrap UCL					5.377
606							95% BCA Bootstrap UCL					5.719
607												
608	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
609	k star (bias corrected)				0.677		Data appear Gamma Distributed at 5% Significance Level					
610	Theta Star				5.865							
611	nu star				13.55							
612												
613	A-D Test Statistic				0.216		Nonparametric Statistics					
614	5% A-D Critical Value				0.753		Kaplan-Meier (KM) Method					
615	K-S Test Statistic				0.753		Mean					3.42
616	5% K-S Critical Value				0.275		SD					3.887
617	Data appear Gamma Distributed at 5% Significance Level						SE of Mean					1.185
618							95% KM (t) UCL					5.548
619	Assuming Gamma Distribution						95% KM (z) UCL					5.369
620	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					5.531
621	Minimum				0.24		95% KM (bootstrap t) UCL					7.437
622	Maximum				12.9		95% KM (BCA) UCL					5.478
623	Mean				3.496		95% KM (Percentile Bootstrap) UCL					5.274
624	Median				1.91		95% KM (Chebyshev) UCL					8.584
625	SD				4.002		97.5% KM (Chebyshev) UCL					10.82
626	k star				0.735		99% KM (Chebyshev) UCL					15.21
627	Theta star				4.757							
628	Nu star				17.64		Potential UCLs to Use					
629	AppChi2				9.131		95% KM (Chebyshev) UCL					8.584
630	95% Gamma Approximate UCL				6.754							
631	95% Adjusted Gamma UCL				7.51							
632	Note: DL/2 is not a recommended method.											
633												
634												
635	Benzene											
636	General Statistics											

	A	B	C	D	E	F	G	H	I	J	K	L
637					Number of Valid Data	103					Number of Detected Data	3
638					Number of Distinct Detected Data	3					Number of Non-Detect Data	100
639											Percent Non-Detects	97.09%
640												
641				**Raw Statistics**						**Log-transformed Statistics**		
642					Minimum Detected	0.001					Minimum Detected	-6.908
643					Maximum Detected	0.14					Maximum Detected	-1.966
644					Mean of Detected	0.048					Mean of Detected	-4.894
645					SD of Detected	0.0797					SD of Detected	2.595
646					Minimum Non-Detect	0.00015					Minimum Non-Detect	-8.805
647					Maximum Non-Detect	11					Maximum Non-Detect	2.398
648												
649	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	103
650	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
651	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
652												
653	**Warning: There are only 3 Distinct Detected Values in this data set**											
654	**The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.**											
655	**Those methods will return a 'N/A' value on your output display!**											
656												
657	**It is necessary to have 4 or more Distinct Values for bootstrap methods.**											
658	**However, results obtained using 4 to 9 distinct values may not be reliable.**											
659	**It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.**											
660												
661	**UCL Statistics**											
662	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
663					Shapiro Wilk Test Statistic	0.761					Shapiro Wilk Test Statistic	0.907
664					5% Shapiro Wilk Critical Value	0.767					5% Shapiro Wilk Critical Value	0.767
665	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
666												
667	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
668					DL/2 Substitution Method						DL/2 Substitution Method	
669					Mean	0.148					Mean	-3.835
670					SD	0.619					SD	1.671
671					95% DL/2 (t) UCL	0.25					95% H-Stat (DL/2) UCL	0.154
672												
673					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
674	**MLE method failed to converge properly**										Mean in Log Scale	-8.445
675											SD in Log Scale	2.135
676											Mean in Original Scale	0.00258
677											SD in Original Scale	0.0141
678											95% Percentile Bootstrap UCL	0.00524
679											95% BCA Bootstrap UCL	0.00667
680												
681	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
682					k star (bias corrected)	N/A	**Data appear Lognormal at 5% Significance Level**					
683					Theta Star	N/A						
684					nu star	N/A						
685												
686					A-D Test Statistic	N/A	**Nonparametric Statistics**					
687					5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method	
688					K-S Test Statistic	N/A					Mean	0.00283
689					5% K-S Critical Value	N/A					SD	0.014

690	Data not Gamma Distributed at 5% Significance Level										SE of Mean	0.00179
691											95% KM (t) UCL	0.00581
692	Assuming Gamma Distribution										95% KM (z) UCL	0.00578
693	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.00497
694	Minimum	N/A									95% KM (bootstrap t) UCL	0.0105
695	Maximum	N/A									95% KM (BCA) UCL	N/A
696	Mean	N/A									95% KM (Percentile Bootstrap) UCL	0.14
697	Median	N/A									95% KM (Chebyshev) UCL	0.0106
698	SD	N/A									97.5% KM (Chebyshev) UCL	0.014
699	k star	N/A									99% KM (Chebyshev) UCL	0.0207
700	Theta star	N/A										
701	Nu star	N/A									Potential UCLs to Use	
702	AppChi2	N/A									97.5% KM (Chebyshev) UCL	0.014
703	95% Gamma Approximate UCL	N/A										
704	95% Adjusted Gamma UCL	N/A										
705	Note: DL/2 is not a recommended method.											
706												
707												
708	Benzo(a)anthracene											
709	General Statistics											
710	Number of Valid Data	111									Number of Detected Data	26
711	Number of Distinct Detected Data	24									Number of Non-Detect Data	85
712											Percent Non-Detects	76.58%
713												
714	Raw Statistics										Log-transformed Statistics	
715	Minimum Detected	0.00068									Minimum Detected	-7.293
716	Maximum Detected	6.4									Maximum Detected	1.856
717	Mean of Detected	0.833									Mean of Detected	-1.602
718	SD of Detected	1.401									SD of Detected	2.189
719	Minimum Non-Detect	0.00048									Minimum Non-Detect	-7.642
720	Maximum Non-Detect	5.53									Maximum Non-Detect	1.71
721												
722	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	110
723	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
724	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.10%
725												
726	UCL Statistics											
727	Normal Distribution Test with Detected Values Only										Lognormal Distribution Test with Detected Values Only	
728	Shapiro Wilk Test Statistic	0.615									Shapiro Wilk Test Statistic	0.943
729	5% Shapiro Wilk Critical Value	0.92									5% Shapiro Wilk Critical Value	0.92
730	Data not Normal at 5% Significance Level										Data appear Lognormal at 5% Significance Level	
731												
732	Assuming Normal Distribution										Assuming Lognormal Distribution	
733	DL/2 Substitution Method										DL/2 Substitution Method	
734	Mean	0.351									Mean	-1.748
735	SD	0.761									SD	1.25
736	95% DL/2 (t) UCL	0.47									95% H-Stat (DL/2) UCL	0.52
737												
738	Maximum Likelihood Estimate(MLE) Method	N/A									Log ROS Method	
739	MLE method failed to converge properly										Mean in Log Scale	-3.172
740											SD in Log Scale	1.828
741											Mean in Original Scale	0.238
742											SD in Original Scale	0.748

743											95% Percentile Bootstrap UCL	0.375
744											95% BCA Bootstrap UCL	0.441
745												
746				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
747						k star (bias corrected)	0.428				Data appear Gamma Distributed at 5% Significance Level	
748						Theta Star	1.948					
749						nu star	22.23					
750												
751						A-D Test Statistic	0.238				Nonparametric Statistics	
752						5% A-D Critical Value	0.818				Kaplan-Meier (KM) Method	
753						K-S Test Statistic	0.818				Mean	0.25
754						5% K-S Critical Value	0.182				SD	0.742
755				Data appear Gamma Distributed at 5% Significance Level							SE of Mean	0.0735
756											95% KM (t) UCL	0.372
757				Assuming Gamma Distribution							95% KM (z) UCL	0.371
758						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.37
759						Minimum	0.00068				95% KM (bootstrap t) UCL	0.477
760						Maximum	6.4				95% KM (BCA) UCL	0.387
761						Mean	0.826				95% KM (Percentile Bootstrap) UCL	0.378
762						Median	0.84				95% KM (Chebyshev) UCL	0.57
763						SD	0.682				97.5% KM (Chebyshev) UCL	0.709
764						k star	1.544				99% KM (Chebyshev) UCL	0.981
765						Theta star	0.535					
766						Nu star	342.8				Potential UCLs to Use	
767						AppChi2	300.9				95% KM (t) UCL	0.372
768						95% Gamma Approximate UCL	0.942					
769						95% Adjusted Gamma UCL	0.943					
770	Note: DL/2 is not a recommended method.											
771												
772												
773	Benzo(a)pyrene											
774							General Statistics					
775						Number of Valid Data	111				Number of Detected Data	22
776						Number of Distinct Detected Data	21				Number of Non-Detect Data	89
777											Percent Non-Detects	80.18%
778												
779				Raw Statistics							Log-transformed Statistics	
780						Minimum Detected	0.00032				Minimum Detected	-8.047
781						Maximum Detected	1.7				Maximum Detected	0.531
782						Mean of Detected	0.356				Mean of Detected	-2.172
783						SD of Detected	0.446				SD of Detected	2.064
784						Minimum Non-Detect	0.00014				Minimum Non-Detect	-8.874
785						Maximum Non-Detect	5.53				Maximum Non-Detect	1.71
786												
787	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	111
788	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
789	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
790												
791							UCL Statistics					
792				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
793						Shapiro Wilk Test Statistic	0.774				Shapiro Wilk Test Statistic	0.894
794						5% Shapiro Wilk Critical Value	0.911				5% Shapiro Wilk Critical Value	0.911
795				Data not Normal at 5% Significance Level							Data not Lognormal at 5% Significance Level	

796												
797			**Assuming Normal Distribution**						**Assuming Lognormal Distribution**			
798					DL/2 Substitution Method						DL/2 Substitution Method	
799					Mean	0.246					Mean	-1.856
800					SD	0.346					SD	1.23
801					95% DL/2 (t) UCL	0.3					95% H-Stat (DL/2) UCL	0.475
802												
803					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
804			**MLE method failed to converge properly**								Mean in Log Scale	-3.303
805											SD in Log Scale	1.541
806											Mean in Original Scale	0.113
807											SD in Original Scale	0.236
808											95% Percentile Bootstrap UCL	0.152
809											95% BCA Bootstrap UCL	0.161
810												
811			**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**			
812					k star (bias corrected)	0.505			**Data appear Gamma Distributed at 5% Significance Level**			
813					Theta Star	0.704						
814					nu star	22.23						
815												
816					A-D Test Statistic	0.341			**Nonparametric Statistics**			
817					5% A-D Critical Value	0.8					Kaplan-Meier (KM) Method	
818					K-S Test Statistic	0.8					Mean	0.128
819					5% K-S Critical Value	0.195					SD	0.233
820			**Data appear Gamma Distributed at 5% Significance Level**								SE of Mean	0.0265
821											95% KM (t) UCL	0.172
822			**Assuming Gamma Distribution**								95% KM (z) UCL	0.172
823					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.172
824					Minimum	0.00032					95% KM (bootstrap t) UCL	0.185
825					Maximum	1.7					95% KM (BCA) UCL	0.174
826					Mean	0.355					95% KM (Percentile Bootstrap) UCL	0.176
827					Median	0.357					95% KM (Chebyshev) UCL	0.244
828					SD	0.195					97.5% KM (Chebyshev) UCL	0.294
829					k star	2.308					99% KM (Chebyshev) UCL	0.392
830					Theta star	0.154						
831					Nu star	512.4			**Potential UCLs to Use**			
832					AppChi2	460.9					95% KM (t) UCL	0.172
833					95% Gamma Approximate UCL	0.394						
834					95% Adjusted Gamma UCL	0.395						
835	**Note: DL/2 is not a recommended method.**											
836												
837												
838	**Benzo(b)fluoranthene**											
839							**General Statistics**					
840					Number of Valid Data	111			Number of Detected Data			28
841					Number of Distinct Detected Data	26			Number of Non-Detect Data			83
842									Percent Non-Detects			74.77%
843												
844			**Raw Statistics**						**Log-transformed Statistics**			
845					Minimum Detected	0.00079					Minimum Detected	-7.143
846					Maximum Detected	3.6					Maximum Detected	1.281
847					Mean of Detected	0.693					Mean of Detected	-1.391
848					SD of Detected	0.897					SD of Detected	1.917

849				Minimum Non-Detect	0.00025					Minimum Non-Detect	-8.294	
850				Maximum Non-Detect	5.53					Maximum Non-Detect	1.71	
851												
852	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	111	
853	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
854	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
855												
856	**UCL Statistics**											
857	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
858				Shapiro Wilk Test Statistic	0.733					Shapiro Wilk Test Statistic	0.904	
859				5% Shapiro Wilk Critical Value	0.924					5% Shapiro Wilk Critical Value	0.924	
860	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
861												
862	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
863				DL/2 Substitution Method						DL/2 Substitution Method		
864				Mean	0.34					Mean	-1.678	
865				SD	0.565					SD	1.235	
866				95% DL/2 (t) UCL	0.429					95% H-Stat (DL/2) UCL	0.544	
867												
868				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
869	**MLE method failed to converge properly**									Mean in Log Scale	-2.902	
870										SD in Log Scale	1.675	
871										Mean in Original Scale	0.22	
872										SD in Original Scale	0.526	
873										95% Percentile Bootstrap UCL	0.311	
874										95% BCA Bootstrap UCL	0.331	
875												
876	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
877				k star (bias corrected)	0.562		**Data appear Gamma Distributed at 5% Significance Level**					
878				Theta Star	1.235							
879				nu star	31.45							
880												
881				A-D Test Statistic	0.202		**Nonparametric Statistics**					
882				5% A-D Critical Value	0.8					Kaplan-Meier (KM) Method		
883				K-S Test Statistic	0.8					Mean	0.25	
884				5% K-S Critical Value	0.174					SD	0.523	
885	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.0543	
886										95% KM (t) UCL	0.34	
887	**Assuming Gamma Distribution**									95% KM (z) UCL	0.339	
888				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.34	
889				Minimum	0.00079					95% KM (bootstrap t) UCL	0.375	
890				Maximum	3.6					95% KM (BCA) UCL	0.35	
891				Mean	0.672					95% KM (Percentile Bootstrap) UCL	0.342	
892				Median	0.67					95% KM (Chebyshev) UCL	0.487	
893				SD	0.457					97.5% KM (Chebyshev) UCL	0.589	
894				k star	1.939					99% KM (Chebyshev) UCL	0.79	
895				Theta star	0.347							
896				Nu star	430.4		**Potential UCLs to Use**					
897				AppChi2	383.3					95% KM (t) UCL	0.34	
898				95% Gamma Approximate UCL	0.755							
899				95% Adjusted Gamma UCL	0.756							
900	**Note: DL/2 is not a recommended method.**											
901												

902												
903	**Benzo(k)fluoranthene**											
904	**General Statistics**											
905					Number of Valid Data	111				Number of Detected Data		22
906					Number of Distinct Detected Data	20				Number of Non-Detect Data		89
907										Percent Non-Detects		80.18%
908												
909	**Raw Statistics**									**Log-transformed Statistics**		
910					Minimum Detected	0.00028				Minimum Detected		-8.181
911					Maximum Detected	0.99				Maximum Detected		-0.0101
912					Mean of Detected	0.275				Mean of Detected		-2.293
913					SD of Detected	0.278				SD of Detected		2.089
914					Minimum Non-Detect	0.00015				Minimum Non-Detect		-8.805
915					Maximum Non-Detect	5.53				Maximum Non-Detect		1.71
916												
917	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		111
918	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
919	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
920												
921	**UCL Statistics**											
922	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
923					Shapiro Wilk Test Statistic	0.862				Shapiro Wilk Test Statistic		0.844
924					5% Shapiro Wilk Critical Value	0.911				5% Shapiro Wilk Critical Value		0.911
925	**Data not Normal at 5% Significance Level**									**Data not Lognormal at 5% Significance Level**		
926												
927	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
928					DL/2 Substitution Method					DL/2 Substitution Method		
929					Mean	0.232				Mean		-1.87
930					SD	0.307				SD		1.244
931					95% DL/2 (t) UCL	0.28				95% H-Stat (DL/2) UCL		0.476
932												
933					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
934	**MLE method failed to converge properly**									Mean in Log Scale		-3.526
935										SD in Log Scale		1.545
936										Mean in Original Scale		0.0867
937										SD in Original Scale		0.159
938										95% Percentile Bootstrap UCL		0.114
939										95% BCA Bootstrap UCL		0.119
940												
941	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
942					k star (bias corrected)	0.561				**Data appear Gamma Distributed at 5% Significance Level**		
943					Theta Star	0.49						
944					nu star	24.68						
945												
946					A-D Test Statistic	0.435				**Nonparametric Statistics**		
947					5% A-D Critical Value	0.795				Kaplan-Meier (KM) Method		
948					K-S Test Statistic	0.795				Mean		0.114
949					5% K-S Critical Value	0.194				SD		0.16
950	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean		0.023
951										95% KM (t) UCL		0.152
952	**Assuming Gamma Distribution**									95% KM (z) UCL		0.152
953					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL		0.153
954					Minimum	0.00028				95% KM (bootstrap t) UCL		0.16

955					Maximum	0.99				95% KM (BCA) UCL		0.155
956					Mean	0.279				95% KM (Percentile Bootstrap) UCL		0.152
957					Median	0.271				95% KM (Chebyshev) UCL		0.214
958					SD	0.128				97.5% KM (Chebyshev) UCL		0.258
959					k star	2.494				99% KM (Chebyshev) UCL		0.343
960					Theta star	0.112						
961					Nu star	553.7				**Potential UCLs to Use**		
962					AppChi2	500.1				95% KM (t) UCL		0.152
963				95% Gamma Approximate UCL		0.308						
964				95% Adjusted Gamma UCL		0.309						
965	**Note: DL/2 is not a recommended method.**											
966												
967												
968	**bis(2-Chloroethyl) ether**											
969						**General Statistics**						
970					Number of Valid Data	22				Number of Detected Data		0
971				Number of Distinct Detected Data		0				Number of Non-Detect Data		22
972										Percent Non-Detects		100.00%
973												
974	**Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!**											
975	**Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!**											
976	**The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).**											
977												
978	**The data set for variable bis(2-Chloroethyl) ether was not processed!**											
979												
980												
981	**Carbazole**											
982						**General Statistics**						
983					Number of Valid Data	21				Number of Detected Data		4
984				Number of Distinct Detected Data		4				Number of Non-Detect Data		17
985										Percent Non-Detects		80.95%
986												
987					**Raw Statistics**					**Log-transformed Statistics**		
988					Minimum Detected	0.022				Minimum Detected		-3.817
989					Maximum Detected	0.047				Maximum Detected		-3.058
990					Mean of Detected	0.0378				Mean of Detected		-3.317
991					SD of Detected	0.0111				SD of Detected		0.345
992					Minimum Non-Detect	0.36				Minimum Non-Detect		-1.022
993					Maximum Non-Detect	0.73				Maximum Non-Detect		-0.315
994												
995	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		21
996	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		0
997	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		100.00%
998												
999	**Warning: There are only 4 Distinct Detected Values in this data**											
1000	**Note: It should be noted that even though bootstrap may be performed on this data set**											
1001	**the resulting calculations may not be reliable enough to draw conclusions**											
1002												
1003	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
1004												
1005	**UCL Statistics**											
1006	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
1007					Shapiro Wilk Test Statistic	0.887				Shapiro Wilk Test Statistic		0.837

1008				5% Shapiro Wilk Critical Value	0.748					5% Shapiro Wilk Critical Value	0.748
1009	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1010												
1011	Assuming Normal Distribution						Assuming Lognormal Distribution					
1012				DL/2 Substitution Method						DL/2 Substitution Method		
1013				Mean	0.174					Mean	-1.921	
1014				SD	0.0779					SD	0.721	
1015				95% DL/2 (t) UCL	0.204					95% H-Stat (DL/2) UCL	0.529	
1016												
1017				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1018	MLE method failed to converge properly									Mean in Log Scale	-3.317	
1019										SD in Log Scale	0.247	
1020										Mean in Original Scale	0.0373	
1021										SD in Original Scale	0.00897	
1022										95% Percentile Bootstrap UCL	0.0404	
1023										95% BCA Bootstrap UCL	0.0406	
1024												
1025	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1026				k star (bias corrected)	3.314		Data appear Normal at 5% Significance Level					
1027				Theta Star	0.0114							
1028				nu star	26.51							
1029												
1030				A-D Test Statistic	0.454		Nonparametric Statistics					
1031				5% A-D Critical Value	0.657					Kaplan-Meier (KM) Method		
1032				K-S Test Statistic	0.657					Mean	0.0378	
1033				5% K-S Critical Value	0.395					SD	0.00965	
1034	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	0.00557	
1035										95% KM (t) UCL	0.0474	
1036	Assuming Gamma Distribution									95% KM (z) UCL	0.0469	
1037				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0486	
1038				Minimum	0.0183					95% KM (bootstrap t) UCL	0.0465	
1039				Maximum	0.0515					95% KM (BCA) UCL	0.0455	
1040				Mean	0.0381					95% KM (Percentile Bootstrap) UCL	0.0463	
1041				Median	0.039					95% KM (Chebyshev) UCL	0.062	
1042				SD	0.00833					97.5% KM (Chebyshev) UCL	0.0726	
1043				k star	15.65					99% KM (Chebyshev) UCL	0.0932	
1044				Theta star	0.00243							
1045				Nu star	657.2		Potential UCLs to Use					
1046				AppChi2	598.7					95% KM (t) UCL	0.0474	
1047				95% Gamma Approximate UCL	0.0418					95% KM (Percentile Bootstrap) UCL	0.0463	
1048				95% Adjusted Gamma UCL	N/A							
1049	Warning: Recommended UCL exceeds the maximum observation											
1050	Note: DL/2 is not a recommended method.											
1051												
1052												
1053	Chromium											
1054							General Statistics					
1055				Number of Valid Data	12					Number of Detected Data	11	
1056				Number of Distinct Detected Data	11					Number of Non-Detect Data	1	
1057										Percent Non-Detects	8.33%	
1058												
1059	Raw Statistics						Log-transformed Statistics					
1060				Minimum Detected	2.21					Minimum Detected	0.793	

1061				Maximum Detected	11.5					Maximum Detected	2.442	
1062				Mean of Detected	6.178					Mean of Detected	1.681	
1063				SD of Detected	3.377					SD of Detected	0.562	
1064				Minimum Non-Detect	2.7					Minimum Non-Detect	0.993	
1065				Maximum Non-Detect	2.7					Maximum Non-Detect	0.993	
1066												
1067					UCL Statistics							
1068				Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only		
1069				Shapiro Wilk Test Statistic	0.872					Shapiro Wilk Test Statistic	0.927	
1070				5% Shapiro Wilk Critical Value	0.85					5% Shapiro Wilk Critical Value	0.85	
1071				Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level		
1072												
1073				Assuming Normal Distribution						Assuming Lognormal Distribution		
1074				DL/2 Substitution Method						DL/2 Substitution Method		
1075				Mean	5.776					Mean	1.566	
1076				SD	3.509					SD	0.668	
1077				95% DL/2 (t) UCL	7.595					95% H-Stat (DL/2) UCL	9.332	
1078												
1079				Maximum Likelihood Estimate(MLE) Method						Log ROS Method		
1080				Mean	5.579					Mean in Log Scale	1.597	
1081				SD	3.679					SD in Log Scale	0.609	
1082				95% MLE (t) UCL	7.486					Mean in Original Scale	5.827	
1083				95% MLE (Tiku) UCL	7.493					SD in Original Scale	3.442	
1084										95% Percentile Bootstrap UCL	7.476	
1085										95% BCA Bootstrap UCL	7.545	
1086												
1087				Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only		
1088				k star (bias corrected)	2.77					Data appear Normal at 5% Significance Level		
1089				Theta Star	2.23							
1090				nu star	60.94							
1091												
1092				A-D Test Statistic	0.454					Nonparametric Statistics		
1093				5% A-D Critical Value	0.733					Kaplan-Meier (KM) Method		
1094				K-S Test Statistic	0.733					Mean	5.848	
1095				5% K-S Critical Value	0.257					SD	3.272	
1096				Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.991	
1097										95% KM (t) UCL	7.627	
1098				Assuming Gamma Distribution						95% KM (z) UCL	7.477	
1099				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	7.592	
1100				Minimum	1.261					95% KM (bootstrap t) UCL	7.932	
1101				Maximum	11.5					95% KM (BCA) UCL	7.533	
1102				Mean	5.768					95% KM (Percentile Bootstrap) UCL	7.513	
1103				Median	5.05					95% KM (Chebyshev) UCL	10.17	
1104				SD	3.519					97.5% KM (Chebyshev) UCL	12.03	
1105				k star	2.122					99% KM (Chebyshev) UCL	15.71	
1106				Theta star	2.718							
1107				Nu star	50.93					Potential UCLs to Use		
1108				AppChi2	35.54					95% KM (t) UCL	7.627	
1109				95% Gamma Approximate UCL	8.266					95% KM (Percentile Bootstrap) UCL	7.513	
1110				95% Adjusted Gamma UCL	8.747							
1111	Note: DL/2 is not a recommended method.											
1112												
1113												

1114	Dibenzo(a,h)anthracene											
1115	General Statistics											
1116					Number of Valid Data	112			Number of Detected Data			9
1117					Number of Distinct Detected Data	9			Number of Non-Detect Data			103
1118									Percent Non-Detects			91.96%
1119												
1120	Raw Statistics						Log-transformed Statistics					
1121					Minimum Detected	0.0006			Minimum Detected			-7.419
1122					Maximum Detected	2.7			Maximum Detected			0.993
1123					Mean of Detected	0.449			Mean of Detected			-2.4
1124					SD of Detected	0.861			SD of Detected			2.41
1125					Minimum Non-Detect	0.00028			Minimum Non-Detect			-8.181
1126					Maximum Non-Detect	45			Maximum Non-Detect			3.807
1127												
1128	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect			112
1129	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected			0
1130	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage			100.00%
1131												
1132	Warning: There are only 9 Detected Values in this data											
1133	Note: It should be noted that even though bootstrap may be performed on this data set											
1134	the resulting calculations may not be reliable enough to draw conclusions											
1135												
1136	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
1137												
1138	UCL Statistics											
1139	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1140					Shapiro Wilk Test Statistic	0.557			Shapiro Wilk Test Statistic			0.934
1141					5% Shapiro Wilk Critical Value	0.829			5% Shapiro Wilk Critical Value			0.829
1142	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1143												
1144	Assuming Normal Distribution						Assuming Lognormal Distribution					
1145					DL/2 Substitution Method				DL/2 Substitution Method			
1146					Mean	0.433			Mean			-1.821
1147					SD	2.136			SD			1.304
1148					95% DL/2 (t) UCL	0.768			95% H-Stat (DL/2) UCL			0.476
1149												
1150					Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method			
1151	MLE method failed to converge properly								Mean in Log Scale			-4.277
1152									SD in Log Scale			1.633
1153									Mean in Original Scale			0.0632
1154									SD in Original Scale			0.261
1155									95% Percentile Bootstrap UCL			0.109
1156									95% BCA Bootstrap UCL			0.139
1157												
1158	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1159					k star (bias corrected)	0.348	Data appear Gamma Distributed at 5% Significance Level					
1160					Theta Star	1.291						
1161					nu star	6.255						
1162												
1163					A-D Test Statistic	0.293	Nonparametric Statistics					
1164					5% A-D Critical Value	0.787			Kaplan-Meier (KM) Method			
1165					K-S Test Statistic	0.787			Mean			0.0888
1166					5% K-S Critical Value	0.297			SD			0.264

1167	Data appear Gamma Distributed at 5% Significance Level										SE of Mean	0.0346
1168											95% KM (t) UCL	0.146
1169	Assuming Gamma Distribution										95% KM (z) UCL	0.146
1170	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.145
1171	Minimum	0.0006									95% KM (bootstrap t) UCL	0.187
1172	Maximum	2.7									95% KM (BCA) UCL	0.176
1173	Mean	0.447									95% KM (Percentile Bootstrap) UCL	0.158
1174	Median	0.474									95% KM (Chebyshev) UCL	0.24
1175	SD	0.244									97.5% KM (Chebyshev) UCL	0.305
1176	k star	3.479									99% KM (Chebyshev) UCL	0.433
1177	Theta star	0.128										
1178	Nu star	779.3									Potential UCLs to Use	
1179	AppChi2	715.5									95% KM (t) UCL	0.146
1180	95% Gamma Approximate UCL	0.487										
1181	95% Adjusted Gamma UCL	0.487										
1182	Note: DL/2 is not a recommended method.											
1183												
1184												
1185	Dibromochloromethane											
1186	General Statistics											
1187	Number of Valid Data	103									Number of Detected Data	1
1188	Number of Distinct Detected Data	1									Number of Non-Detect Data	102
1189											Percent Non-Detects	99.03%
1190												
1191	Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!											
1192	It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).											
1193												
1194	The data set for variable Dibromochloromethane was not processed!											
1195												
1196												
1197	Dichloromethane (Methylene chloride)											
1198	General Statistics											
1199	Number of Valid Data	103									Number of Detected Data	15
1200	Number of Distinct Detected Data	12									Number of Non-Detect Data	88
1201											Percent Non-Detects	85.44%
1202												
1203	Raw Statistics										Log-transformed Statistics	
1204	Minimum Detected	0.00033									Minimum Detected	-8.016
1205	Maximum Detected	0.058									Maximum Detected	-2.847
1206	Mean of Detected	0.0146									Mean of Detected	-5.079
1207	SD of Detected	0.0183									SD of Detected	1.453
1208	Minimum Non-Detect	0.00015									Minimum Non-Detect	-8.805
1209	Maximum Non-Detect	11									Maximum Non-Detect	2.398
1210												
1211	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	103
1212	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1213	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1214												
1215	UCL Statistics											
1216	Normal Distribution Test with Detected Values Only										Lognormal Distribution Test with Detected Values Only	
1217	Shapiro Wilk Test Statistic	0.738									Shapiro Wilk Test Statistic	0.937
1218	5% Shapiro Wilk Critical Value	0.881									5% Shapiro Wilk Critical Value	0.881
1219	Data not Normal at 5% Significance Level										Data appear Lognormal at 5% Significance Level	

1220												
1221	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1222				DL/2 Substitution Method						DL/2 Substitution Method		
1223				Mean	0.149					Mean		-3.781
1224				SD	0.619					SD		1.637
1225				95% DL/2 (t) UCL	0.25					95% H-Stat (DL/2) UCL		0.213
1226												
1227				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1228	**MLE method failed to converge properly**									Mean in Log Scale		-5.889
1229										SD in Log Scale		1.452
1230										Mean in Original Scale		0.00759
1231										SD in Original Scale		0.0134
1232										95% Percentile Bootstrap UCL		0.00996
1233										95% BCA Bootstrap UCL		0.0102
1234												
1235	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1236				k star (bias corrected)	0.613		**Data appear Gamma Distributed at 5% Significance Level**					
1237				Theta Star	0.0238							
1238				nu star	18.39							
1239												
1240				A-D Test Statistic	0.729		**Nonparametric Statistics**					
1241				5% A-D Critical Value	0.778					Kaplan-Meier (KM) Method		
1242				K-S Test Statistic	0.778					Mean		0.00887
1243				5% K-S Critical Value	0.231					SD		0.0142
1244	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean		0.00284
1245										95% KM (t) UCL		0.0136
1246	**Assuming Gamma Distribution**									95% KM (z) UCL		0.0135
1247				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.0134
1248				Minimum	0.00033					95% KM (bootstrap t) UCL		0.0157
1249				Maximum	0.058					95% KM (BCA) UCL		0.0147
1250				Mean	0.0157					95% KM (Percentile Bootstrap) UCL		0.0138
1251				Median	0.0154					95% KM (Chebyshev) UCL		0.0213
1252				SD	0.00713					97.5% KM (Chebyshev) UCL		0.0266
1253				k star	3.824					99% KM (Chebyshev) UCL		0.0372
1254				Theta star	0.00411							
1255				Nu star	787.8		**Potential UCLs to Use**					
1256				AppChi2	723.6					95% KM (t) UCL		0.0136
1257				95% Gamma Approximate UCL	0.0171							
1258				95% Adjusted Gamma UCL	0.0171							
1259	**Note: DL/2 is not a recommended method.**											
1260												
1261												
1262	**Ethyl benzene**											
1263							**General Statistics**					
1264				Number of Valid Data	103					Number of Detected Data		8
1265				Number of Distinct Detected Data	8					Number of Non-Detect Data		95
1266										Percent Non-Detects		92.23%
1267												
1268	**Raw Statistics**						**Log-transformed Statistics**					
1269				Minimum Detected	0.008					Minimum Detected		-4.828
1270				Maximum Detected	3.2					Maximum Detected		1.163
1271				Mean of Detected	0.553					Mean of Detected		-1.854
1272				SD of Detected	1.08					SD of Detected		1.74

1273				Minimum Non-Detect	0.00004					Minimum Non-Detect	-10.13	
1274				Maximum Non-Detect	11					Maximum Non-Detect	2.398	
1275												
1276	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	103	
1277	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
1278	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
1279												
1280	**Warning: There are only 8 Detected Values in this data**											
1281	**Note: It should be noted that even though bootstrap may be performed on this data set**											
1282	**the resulting calculations may not be reliable enough to draw conclusions**											
1283												
1284	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
1285												
1286	**UCL Statistics**											
1287	**Normal Distribution Test with Detected Values Only**									**Lognormal Distribution Test with Detected Values Only**		
1288				Shapiro Wilk Test Statistic	0.541					Shapiro Wilk Test Statistic	0.966	
1289				5% Shapiro Wilk Critical Value	0.818					5% Shapiro Wilk Critical Value	0.818	
1290	**Data not Normal at 5% Significance Level**									**Data appear Lognormal at 5% Significance Level**		
1291												
1292	**Assuming Normal Distribution**									**Assuming Lognormal Distribution**		
1293				DL/2 Substitution Method						DL/2 Substitution Method		
1294				Mean	0.175					Mean	-3.761	
1295				SD	0.677					SD	1.87	
1296				95% DL/2 (t) UCL	0.286					95% H-Stat (DL/2) UCL	0.231	
1297												
1298				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1299	**MLE method failed to converge properly**									Mean in Log Scale	-9.166	
1300										SD in Log Scale	3.6	
1301										Mean in Original Scale	0.044	
1302										SD in Original Scale	0.32	
1303										95% Percentile Bootstrap UCL	0.104	
1304										95% BCA Bootstrap UCL	0.145	
1305												
1306	**Gamma Distribution Test with Detected Values Only**									**Data Distribution Test with Detected Values Only**		
1307				k star (bias corrected)	0.398					**Data appear Gamma Distributed at 5% Significance Level**		
1308				Theta Star	1.392							
1309				nu star	6.361							
1310												
1311				A-D Test Statistic	0.576					**Nonparametric Statistics**		
1312				5% A-D Critical Value	0.762					Kaplan-Meier (KM) Method		
1313				K-S Test Statistic	0.762					Mean	0.0513	
1314				5% K-S Critical Value	0.309					SD	0.319	
1315	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.0338	
1316										95% KM (t) UCL	0.107	
1317	**Assuming Gamma Distribution**									95% KM (z) UCL	0.107	
1318				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.0994	
1319				Minimum	0.008					95% KM (bootstrap t) UCL	0.303	
1320				Maximum	3.2					95% KM (BCA) UCL	0.196	
1321				Mean	0.54					95% KM (Percentile Bootstrap) UCL	0.161	
1322				Median	0.545					95% KM (Chebyshev) UCL	0.199	
1323				SD	0.284					97.5% KM (Chebyshev) UCL	0.262	
1324				k star	5.049					99% KM (Chebyshev) UCL	0.387	
1325				Theta star	0.107							

1326					Nu star	1040	**Potential UCLs to Use**					
1327					AppChi2	966.2					95% KM (t) UCL	0.107
1328					95% Gamma Approximate UCL	0.581						
1329					95% Adjusted Gamma UCL	0.582						
1330	**Note: DL/2 is not a recommended method.**											
1331												
1332												
1333	**Indeno(1,2,3-cd)pyrene**											
1334						**General Statistics**						
1335					Number of Valid Data	111					Number of Detected Data	18
1336					Number of Distinct Detected Data	18					Number of Non-Detect Data	93
1337											Percent Non-Detects	83.78%
1338												
1339				**Raw Statistics**					**Log-transformed Statistics**			
1340					Minimum Detected	0.00026					Minimum Detected	-8.255
1341					Maximum Detected	2.2					Maximum Detected	0.788
1342					Mean of Detected	0.377					Mean of Detected	-2.299
1343					SD of Detected	0.609					SD of Detected	2.186
1344					Minimum Non-Detect	0.00016					Minimum Non-Detect	-8.74
1345					Maximum Non-Detect	5.53					Maximum Non-Detect	1.71
1346												
1347	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	111
1348	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1349	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1350												
1351						**UCL Statistics**							
1352				**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**			
1353					Shapiro Wilk Test Statistic	0.63					Shapiro Wilk Test Statistic	0.892
1354					5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
1355				**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**			
1356												
1357				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
1358					DL/2 Substitution Method						DL/2 Substitution Method	
1359					Mean	0.245					Mean	-1.852
1360					SD	0.374					SD	1.199
1361					95% DL/2 (t) UCL	0.303					95% H-Stat (DL/2) UCL	0.437
1362												
1363					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1364				**MLE method failed to converge properly**							Mean in Log Scale	-3.461
1365											SD in Log Scale	1.531
1366											Mean in Original Scale	0.103
1367											SD in Original Scale	0.274
1368											95% Percentile Bootstrap UCL	0.147
1369											95% BCA Bootstrap UCL	0.162
1370												
1371				**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**			
1372					k star (bias corrected)	0.439			**Data appear Gamma Distributed at 5% Significance Level**			
1373					Theta Star	0.859						
1374					nu star	15.81						
1375												
1376					A-D Test Statistic	0.452			**Nonparametric Statistics**			
1377					5% A-D Critical Value	0.804					Kaplan-Meier (KM) Method	
1378					K-S Test Statistic	0.804					Mean	0.12

1379				5% K-S Critical Value	0.216					SD	0.271
1380	Data appear Gamma Distributed at 5% Significance Level									SE of Mean	0.0302
1381										95% KM (t) UCL	0.17
1382	Assuming Gamma Distribution									95% KM (z) UCL	0.17
1383	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	0.17
1384				Minimum	0.00026					95% KM (bootstrap t) UCL	0.199
1385				Maximum	2.2					95% KM (BCA) UCL	0.173
1386				Mean	0.369					95% KM (Percentile Bootstrap) UCL	0.176
1387				Median	0.391					95% KM (Chebyshev) UCL	0.252
1388				SD	0.261					97.5% KM (Chebyshev) UCL	0.309
1389				k star	1.957					99% KM (Chebyshev) UCL	0.421
1390				Theta star	0.189						
1391				Nu star	434.4					Potential UCLs to Use	
1392				AppChi2	387.1					95% KM (t) UCL	0.17
1393				95% Gamma Approximate UCL	0.414						
1394				95% Adjusted Gamma UCL	0.415						
1395	Note: DL/2 is not a recommended method.										
1396											
1397											
1398	Iron										
1399	General Statistics										
1400				Number of Valid Observations	11					Number of Distinct Observations	11
1401											
1402	Raw Statistics									Log-transformed Statistics	
1403				Minimum	32.7					Minimum of Log Data	3.487
1404				Maximum	20300					Maximum of Log Data	9.918
1405				Mean	7280					Mean of log Data	7.995
1406				Median	5340					SD of log Data	1.938
1407				SD	7000						
1408				Coefficient of Variation	0.962						
1409				Skewness	0.831						
1410											
1411	Relevant UCL Statistics										
1412	Normal Distribution Test									Lognormal Distribution Test	
1413				Shapiro Wilk Test Statistic	0.891					Shapiro Wilk Test Statistic	0.865
1414				Shapiro Wilk Critical Value	0.85					Shapiro Wilk Critical Value	0.85
1415	Data appear Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level	
1416											
1417	Assuming Normal Distribution									Assuming Lognormal Distribution	
1418				95% Student's-t UCL	11105					95% H-UCL	417876
1419	95% UCLs (Adjusted for Skewness)									95% Chebyshev (MVUE) UCL	50235
1420				95% Adjusted-CLT UCL	11317					97.5% Chebyshev (MVUE) UCL	66100
1421				95% Modified-t UCL	11194					99% Chebyshev (MVUE) UCL	97263
1422											
1423	Gamma Distribution Test									Data Distribution	
1424				k star (bias corrected)	0.553					Data appear Normal at 5% Significance Level	
1425				Theta Star	13171						
1426				MLE of Mean	7280						
1427				MLE of Standard Deviation	9792						
1428				nu star	12.16						
1429				Approximate Chi Square Value (.05)	5.332					Nonparametric Statistics	
1430				Adjusted Level of Significance	0.0278					95% CLT UCL	10752
1431				Adjusted Chi Square Value	4.617					95% Jackknife UCL	11105

1432											95% Standard Bootstrap UCL	10541
1433				Anderson-Darling Test Statistic	0.275						95% Bootstrap-t UCL	12227
1434				Anderson-Darling 5% Critical Value	0.768						95% Hall's Bootstrap UCL	12371
1435				Kolmogorov-Smirnov Test Statistic	0.17						95% Percentile Bootstrap UCL	10505
1436				Kolmogorov-Smirnov 5% Critical Value	0.266						95% BCA Bootstrap UCL	11081
1437				**Data appear Gamma Distributed at 5% Significance Level**							95% Chebyshev(Mean, Sd) UCL	16480
1438											97.5% Chebyshev(Mean, Sd) UCL	20461
1439				**Assuming Gamma Distribution**							99% Chebyshev(Mean, Sd) UCL	28281
1440				95% Approximate Gamma UCL	16601							
1441				95% Adjusted Gamma UCL	19174							
1442												
1443				**Potential UCL to Use**							Use 95% Student's-t UCL	11105
1444												
1445												
1446	**Lead**											
1447						**General Statistics**						
1448				Number of Valid Data	258						Number of Detected Data	234
1449				Number of Distinct Detected Data	212						Number of Non-Detect Data	24
1450											Percent Non-Detects	9.30%
1451												
1452				**Raw Statistics**							**Log-transformed Statistics**	
1453				Minimum Detected	1.38						Minimum Detected	0.322
1454				Maximum Detected	4430						Maximum Detected	8.396
1455				Mean of Detected	238						Mean of Detected	4.67
1456				SD of Detected	471.6						SD of Detected	1.26
1457				Minimum Non-Detect	10.5						Minimum Non-Detect	2.351
1458				Maximum Non-Detect	12.7						Maximum Non-Detect	2.542
1459												
1460	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	32
1461	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	226
1462	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	12.40%
1463												
1464						**UCL Statistics**							
1465				**Normal Distribution Test with Detected Values Only**							**Lognormal Distribution Test with Detected Values Only**	
1466				Lilliefors Test Statistic	0.308						Lilliefors Test Statistic	0.0241
1467				5% Lilliefors Critical Value	0.0579						5% Lilliefors Critical Value	0.0579
1468				**Data not Normal at 5% Significance Level**							**Data appear Lognormal at 5% Significance Level**	
1469												
1470				**Assuming Normal Distribution**							**Assuming Lognormal Distribution**	
1471				DL/2 Substitution Method							DL/2 Substitution Method	
1472				Mean	216.4						Mean	4.398
1473				SD	454.1						SD	1.47
1474				95% DL/2 (t) UCL	263.1						95% H-Stat (DL/2) UCL	270.2
1475												
1476				Maximum Likelihood Estimate(MLE) Method							Log ROS Method	
1477				Mean	175						Mean in Log Scale	4.433
1478				SD	493.9						SD in Log Scale	1.412
1479				95% MLE (t) UCL	225.8						Mean in Original Scale	216.7
1480				95% MLE (Tiku) UCL	222.6						SD in Original Scale	454
1481											95% Percentile Bootstrap UCL	268.8
1482											95% BCA Bootstrap UCL	280.2
1483												
1484				**Gamma Distribution Test with Detected Values Only**							**Data Distribution Test with Detected Values Only**	

1485				k star (bias corrected)	0.74		Data appear Lognormal at 5% Significance Level					
1486				Theta Star	321.8							
1487				nu star	346.2							
1488												
1489				A-D Test Statistic	5.087		Nonparametric Statistics					
1490				5% A-D Critical Value	0.797					Kaplan-Meier (KM) Method		
1491				K-S Test Statistic	0.797					Mean		216.4
1492				5% K-S Critical Value	0.0621					SD		453.2
1493	Data not Gamma Distributed at 5% Significance Level									SE of Mean		28.28
1494										95% KM (t) UCL		263.1
1495	Assuming Gamma Distribution									95% KM (z) UCL		262.9
1496	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL		263.1
1497				Minimum	1E-09					95% KM (bootstrap t) UCL		283
1498				Maximum	4430					95% KM (BCA) UCL		266.4
1499				Mean	215.9					95% KM (Percentile Bootstrap) UCL		265.2
1500				Median	91.35					95% KM (Chebyshev) UCL		339.7
1501				SD	454.3					97.5% KM (Chebyshev) UCL		393
1502				k star	0.234					99% KM (Chebyshev) UCL		497.8
1503				Theta star	922.9							
1504				Nu star	120.7		Potential UCLs to Use					
1505				AppChi2	96.33					95% KM (Chebyshev) UCL		339.7
1506				95% Gamma Approximate UCL	270.5							
1507				95% Adjusted Gamma UCL	270.8							
1508	Note: DL/2 is not a recommended method.											
1509												
1510												
1511	Mercury											
1512	General Statistics											
1513				Number of Valid Data	245					Number of Detected Data		161
1514				Number of Distinct Detected Data	139					Number of Non-Detect Data		84
1515										Percent Non-Detects		34.29%
1516												
1517	Raw Statistics						Log-transformed Statistics					
1518				Minimum Detected	0.023					Minimum Detected		-3.772
1519				Maximum Detected	20.8					Maximum Detected		3.035
1520				Mean of Detected	4.115					Mean of Detected		0.736
1521				SD of Detected	4.851					SD of Detected		1.26
1522				Minimum Non-Detect	0.00999					Minimum Non-Detect		-4.606
1523				Maximum Non-Detect	0.68					Maximum Non-Detect		-0.386
1524												
1525	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		111
1526	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		134
1527	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		45.31%
1528												
1529	UCL Statistics											
1530	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1531				Lilliefors Test Statistic	0.227					Lilliefors Test Statistic		0.0651
1532				5% Lilliefors Critical Value	0.0698					5% Lilliefors Critical Value		0.0698
1533	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1534												
1535	Assuming Normal Distribution						Assuming Lognormal Distribution					
1536				DL/2 Substitution Method						DL/2 Substitution Method		
1537				Mean	2.799					Mean		0.0175

1538					SD	4.332					SD	1.467
1539					95% DL/2 (t) UCL	3.256					95% H-Stat (DL/2) UCL	2.948
1540												
1541					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
1542					Mean	0.589					Mean in Log Scale	-0.0707
1543					SD	6.53					SD in Log Scale	1.575
1544					95% MLE (t) UCL	1.278					Mean in Original Scale	2.79
1545					95% MLE (Tiku) UCL	1.401					SD in Original Scale	4.338
1546											95% Percentile Bootstrap UCL	3.265
1547											95% BCA Bootstrap UCL	3.321
1548												
1549					Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only	
1550					k star (bias corrected)	0.853					Data appear Lognormal at 5% Significance Level	
1551					Theta Star	4.824						
1552					nu star	274.7						
1553												
1554					A-D Test Statistic	2.865					Nonparametric Statistics	
1555					5% A-D Critical Value	0.79					Kaplan-Meier (KM) Method	
1556					K-S Test Statistic	0.79					Mean	2.798
1557					5% K-S Critical Value	0.0763					SD	4.325
1558					Data not Gamma Distributed at 5% Significance Level						SE of Mean	0.278
1559											95% KM (t) UCL	3.256
1560					Assuming Gamma Distribution						95% KM (z) UCL	3.255
1561					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	3.255
1562					Minimum	1E-09					95% KM (bootstrap t) UCL	3.307
1563					Maximum	20.8					95% KM (BCA) UCL	3.238
1564					Mean	3.281					95% KM (Percentile Bootstrap) UCL	3.268
1565					Median	1.749					95% KM (Chebyshev) UCL	4.008
1566					SD	4.213					97.5% KM (Chebyshev) UCL	4.532
1567					k star	0.244					99% KM (Chebyshev) UCL	5.56
1568					Theta star	13.46						
1569					Nu star	119.5					Potential UCLs to Use	
1570					AppChi2	95.24					95% KM (Chebyshev) UCL	4.008
1571					95% Gamma Approximate UCL	4.116						
1572					95% Adjusted Gamma UCL	4.122						
1573	Note: DL/2 is not a recommended method.											
1574												
1575												
1576	Naphthalene											
1577						General Statistics						
1578					Number of Valid Data	112					Number of Detected Data	20
1579					Number of Distinct Detected Data	20					Number of Non-Detect Data	92
1580											Percent Non-Detects	82.14%
1581												
1582					Raw Statistics						Log-transformed Statistics	
1583					Minimum Detected	0.00038					Minimum Detected	-7.875
1584					Maximum Detected	18					Maximum Detected	2.89
1585					Mean of Detected	1.112					Mean of Detected	-2.632
1586					SD of Detected	3.988					SD of Detected	2.623
1587					Minimum Non-Detect	0.31					Minimum Non-Detect	-1.171
1588					Maximum Non-Detect	5.53					Maximum Non-Detect	1.71
1589												
1590	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	111

1591	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
1592	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	99.11%
1593												
1594						UCL Statistics						
1595				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
1596						Shapiro Wilk Test Statistic	0.29				Shapiro Wilk Test Statistic	0.941
1597						5% Shapiro Wilk Critical Value	0.905				5% Shapiro Wilk Critical Value	0.905
1598				Data not Normal at 5% Significance Level							Data appear Lognormal at 5% Significance Level	
1599												
1600				Assuming Normal Distribution							Assuming Lognormal Distribution	
1601						DL/2 Substitution Method					DL/2 Substitution Method	
1602						Mean	0.38				Mean	-1.851
1603						SD	1.708				SD	1.196
1604						95% DL/2 (t) UCL	0.648				95% H-Stat (DL/2) UCL	0.465
1605												
1606						Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method	
1607				MLE method failed to converge properly							Mean in Log Scale	-3.568
1608											SD in Log Scale	1.758
1609											Mean in Original Scale	0.245
1610											SD in Original Scale	1.701
1611											95% Percentile Bootstrap UCL	0.559
1612											95% BCA Bootstrap UCL	0.873
1613												
1614				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
1615						k star (bias corrected)	0.253				Data appear Lognormal at 5% Significance Level	
1616						Theta Star	4.4					
1617						nu star	10.11					
1618												
1619						A-D Test Statistic	1.569				Nonparametric Statistics	
1620						5% A-D Critical Value	0.863				Kaplan-Meier (KM) Method	
1621						K-S Test Statistic	0.863				Mean	0.26
1622						5% K-S Critical Value	0.212				SD	1.691
1623				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.165
1624											95% KM (t) UCL	0.533
1625				Assuming Gamma Distribution							95% KM (z) UCL	0.531
1626						Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.528
1627						Minimum	1E-09				95% KM (bootstrap t) UCL	1.971
1628						Maximum	18				95% KM (BCA) UCL	0.597
1629						Mean	1.117				95% KM (Percentile Bootstrap) UCL	0.576
1630						Median	1.23				95% KM (Chebyshev) UCL	0.979
1631						SD	1.695				97.5% KM (Chebyshev) UCL	1.289
1632						k star	0.49				99% KM (Chebyshev) UCL	1.9
1633						Theta star	2.279					
1634						Nu star	109.8				Potential UCLs to Use	
1635						AppChi2	86.63				97.5% KM (Chebyshev) UCL	1.289
1636						95% Gamma Approximate UCL	1.416					
1637						95% Adjusted Gamma UCL	1.421					
1638	Note: DL/2 is not a recommended method.											
1639												
1640												
1641	n-Butylbenzene											
1642						General Statistics						
1643						Number of Valid Data	80				Number of Detected Data	21

1644					Number of Distinct Detected Data	18					Number of Non-Detect Data	59
1645											Percent Non-Detects	73.75%
1646												
1647					**Raw Statistics**						**Log-transformed Statistics**	
1648					Minimum Detected	0.06					Minimum Detected	-2.814
1649					Maximum Detected	18.3					Maximum Detected	2.907
1650					Mean of Detected	3.174					Mean of Detected	-0.628
1651					SD of Detected	5.134					SD of Detected	2.079
1652					Minimum Non-Detect	0.00009					Minimum Non-Detect	-9.316
1653					Maximum Non-Detect	0.07					Maximum Non-Detect	-2.659
1654												
1655	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	60
1656	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	20
1657	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	75.00%
1658												
1659					**UCL Statistics**							
1660					**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**	
1661					Shapiro Wilk Test Statistic	0.679					Shapiro Wilk Test Statistic	0.823
1662					5% Shapiro Wilk Critical Value	0.908					5% Shapiro Wilk Critical Value	0.908
1663					**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**	
1664												
1665					**Assuming Normal Distribution**						**Assuming Lognormal Distribution**	
1666					DL/2 Substitution Method						DL/2 Substitution Method	
1667					Mean	0.853					Mean	-3.011
1668					SD	2.935					SD	2.137
1669					95% DL/2 (t) UCL	1.4					95% H-Stat (DL/2) UCL	0.722
1670												
1671					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1672					**MLE yields a negative mean**						Mean in Log Scale	-6.04
1673											SD in Log Scale	4.221
1674											Mean in Original Scale	0.836
1675											SD in Original Scale	2.94
1676											95% Percentile Bootstrap UCL	1.427
1677											95% BCA Bootstrap UCL	1.628
1678												
1679					**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**	
1680					k star (bias corrected)	0.352					**Data do not follow a Discernable Distribution (0.05)**	
1681					Theta Star	9.026						
1682					nu star	14.77						
1683												
1684					A-D Test Statistic	1.924					**Nonparametric Statistics**	
1685					5% A-D Critical Value	0.831					Kaplan-Meier (KM) Method	
1686					K-S Test Statistic	0.831					Mean	0.877
1687					5% K-S Critical Value	0.204					SD	2.91
1688					**Data not Gamma Distributed at 5% Significance Level**						SE of Mean	0.333
1689											95% KM (t) UCL	1.432
1690					**Assuming Gamma Distribution**						95% KM (z) UCL	1.426
1691					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.415
1692					Minimum	1E-09					95% KM (bootstrap t) UCL	1.856
1693					Maximum	18.3					95% KM (BCA) UCL	1.504
1694					Mean	2.791					95% KM (Percentile Bootstrap) UCL	1.467
1695					Median	3.072					95% KM (Chebyshev) UCL	2.33
1696					SD	2.975					97.5% KM (Chebyshev) UCL	2.959

1697					k star	0.213				99% KM (Chebyshev) UCL		4.194
1698					Theta star	13.08						
1699					Nu star	34.15				**Potential UCLs to Use**		
1700					AppChi2	21.79				97.5% KM (Chebyshev) UCL		2.959
1701				95% Gamma Approximate UCL		4.375						
1702				95% Adjusted Gamma UCL		4.412						
1703	**Note: DL/2 is not a recommended method.**											
1704												
1705												
1706	**n-Propylbenzene**											
1707						**General Statistics**						
1708					Number of Valid Data	80				Number of Detected Data		14
1709					Number of Distinct Detected Data	9				Number of Non-Detect Data		66
1710										Percent Non-Detects		82.50%
1711												
1712				**Raw Statistics**						**Log-transformed Statistics**		
1713					Minimum Detected	0.07				Minimum Detected		-2.659
1714					Maximum Detected	20.8				Maximum Detected		3.035
1715					Mean of Detected	1.942				Mean of Detected		-1.291
1716					SD of Detected	5.494				SD of Detected		1.698
1717					Minimum Non-Detect	0.00006				Minimum Non-Detect		-9.721
1718					Maximum Non-Detect	3.2				Maximum Non-Detect		1.163
1719												
1720	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		79
1721	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1
1722	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		98.75%
1723												
1724						**UCL Statistics**							
1725				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
1726					Shapiro Wilk Test Statistic	0.389				Shapiro Wilk Test Statistic		0.777
1727					5% Shapiro Wilk Critical Value	0.874				5% Shapiro Wilk Critical Value		0.874
1728				**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**		
1729												
1730				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1731					DL/2 Substitution Method					DL/2 Substitution Method		
1732					Mean	0.437				Mean		-3.206
1733					SD	2.358				SD		1.943
1734					95% DL/2 (t) UCL	0.876				95% H-Stat (DL/2) UCL		0.435
1735												
1736					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1737				**MLE method failed to converge properly**						Mean in Log Scale		-6.611
1738										SD in Log Scale		3.44
1739										Mean in Original Scale		0.342
1740										SD in Original Scale		2.349
1741										95% Percentile Bootstrap UCL		0.848
1742										95% BCA Bootstrap UCL		1.188
1743												
1744				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
1745					k star (bias corrected)	0.319				**Data do not follow a Discernable Distribution (0.05)**		
1746					Theta Star	6.097						
1747					nu star	8.919						
1748												
1749					A-D Test Statistic	2.278				**Nonparametric Statistics**		

1750				5% A-D Critical Value	0.823					Kaplan-Meier (KM) Method		
1751				K-S Test Statistic	0.823					Mean		0.4
1752				5% K-S Critical Value	0.246					SD		2.327
1753				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.27
1754										95% KM (t) UCL		0.85
1755				**Assuming Gamma Distribution**						95% KM (z) UCL		0.845
1756				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.836
1757				Minimum	1E-09					95% KM (bootstrap t) UCL		3.842
1758				Maximum	33.17					95% KM (BCA) UCL		0.943
1759				Mean	6					95% KM (Percentile Bootstrap) UCL		0.918
1760				Median	1.793					95% KM (Chebyshev) UCL		1.578
1761				SD	8.816					97.5% KM (Chebyshev) UCL		2.087
1762				k star	0.115					99% KM (Chebyshev) UCL		3.088
1763				Theta star	52.24							
1764				Nu star	18.37					**Potential UCLs to Use**		
1765				AppChi2	9.662					95% KM (Chebyshev) UCL		1.578
1766				95% Gamma Approximate UCL	11.41							
1767				95% Adjusted Gamma UCL	11.55							
1768	**Note: DL/2 is not a recommended method.**											
1769												
1770												
1771	**Vanadium**											
1772					**General Statistics**							
1773				Number of Valid Observations	14					Number of Distinct Observations		14
1774												
1775				**Raw Statistics**						**Log-transformed Statistics**		
1776				Minimum	2.18					Minimum of Log Data		0.779
1777				Maximum	61					Maximum of Log Data		4.111
1778				Mean	20.6					Mean of log Data		2.581
1779				Median	16.15					SD of log Data		1.057
1780				SD	18.95							
1781				Coefficient of Variation	0.92							
1782				Skewness	1.344							
1783												
1784					**Relevant UCL Statistics**							
1785				**Normal Distribution Test**						**Lognormal Distribution Test**		
1786				Shapiro Wilk Test Statistic	0.83					Shapiro Wilk Test Statistic		0.948
1787				Shapiro Wilk Critical Value	0.874					Shapiro Wilk Critical Value		0.874
1788				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
1789												
1790				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1791				95% Student's-t UCL	29.57					95% H-UCL		53.91
1792				**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL		51.23
1793				95% Adjusted-CLT UCL	30.87					97.5% Chebyshev (MVUE) UCL		63.94
1794				95% Modified-t UCL	29.87					99% Chebyshev (MVUE) UCL		88.91
1795												
1796				**Gamma Distribution Test**						**Data Distribution**		
1797				k star (bias corrected)	1.044					**Data appear Gamma Distributed at 5% Significance Level**		
1798				Theta Star	19.74							
1799				MLE of Mean	20.6							
1800				MLE of Standard Deviation	20.16							
1801				nu star	29.22							
1802				Approximate Chi Square Value (.05)	17.88					**Nonparametric Statistics**		

	A	B	C	D	E	F	G	H	I	J	K	L
1803					Adjusted Level of Significance	0.0312					95% CLT UCL	28.93
1804					Adjusted Chi Square Value	16.71					95% Jackknife UCL	29.57
1805											95% Standard Bootstrap UCL	28.53
1806					Anderson-Darling Test Statistic	0.249					95% Bootstrap-t UCL	35.01
1807					Anderson-Darling 5% Critical Value	0.755					95% Hall's Bootstrap UCL	44.31
1808					Kolmogorov-Smirnov Test Statistic	0.129					95% Percentile Bootstrap UCL	28.86
1809					Kolmogorov-Smirnov 5% Critical Value	0.234					95% BCA Bootstrap UCL	31.39
1810					**Data appear Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL	42.68
1811											97.5% Chebyshev(Mean, Sd) UCL	52.23
1812					**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL	70.99
1813					95% Approximate Gamma UCL	33.66						
1814					95% Adjusted Gamma UCL	36.02						
1815												
1816					**Potential UCL to Use**						Use 95% Approximate Gamma UCL	33.66
1817												
1818												

1				General UCL Statistics for Data Sets with Non-Detects								
2		User Selected Options										
3		From File		F:\LCPGA\N\OU3 HHBRA Sep 2010\ProUCL\Industrial\ProUCL_Input_withoutTEG\Quad4_input.wst								
4		Full Precision		OFF								
5		Confidence Coefficient		95%								
6		Number of Bootstrap Operations		2000								
7												
8												
9	1,2,4-Trimethylbenzene											
10						General Statistics						
11						Number of Valid Data	81			Number of Detected Data	6	
12						Number of Distinct Detected Data	6			Number of Non-Detect Data	75	
13										Percent Non-Detects	92.59%	
14												
15						Raw Statistics				Log-transformed Statistics		
16						Minimum Detected	0.06			Minimum Detected	-2.814	
17						Maximum Detected	3.2			Maximum Detected	1.163	
18						Mean of Detected	0.667			Mean of Detected	-1.483	
19						SD of Detected	1.245			SD of Detected	1.428	
20						Minimum Non-Detect	0.00011			Minimum Non-Detect	-9.115	
21						Maximum Non-Detect	0.07			Maximum Non-Detect	-2.659	
22												
23	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	76	
24	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	5	
25	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	93.83%	
26												
27						Warning: There are only 6 Detected Values in this data						
28						Note: It should be noted that even though bootstrap may be performed on this data set						
29						the resulting calculations may not be reliable enough to draw conclusions						
30												
31						It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.						
32												
33						UCL Statistics						
34						Normal Distribution Test with Detected Values Only				Lognormal Distribution Test with Detected Values Only		
35						Shapiro Wilk Test Statistic	0.566			Shapiro Wilk Test Statistic	0.864	
36						5% Shapiro Wilk Critical Value	0.788			5% Shapiro Wilk Critical Value	0.788	
37						Data not Normal at 5% Significance Level				Data appear Lognormal at 5% Significance Level		
38												
39						Assuming Normal Distribution				Assuming Lognormal Distribution		
40						DL/2 Substitution Method				DL/2 Substitution Method		
41						Mean	0.0722			Mean	-4.109	
42						SD	0.354			SD	2.111	
43						95% DL/2 (t) UCL	0.138			95% H-Stat (DL/2) UCL	0.317	
44												
45						Maximum Likelihood Estimate(MLE) Method	N/A			Log ROS Method		
46						MLE yields a negative mean				Mean in Log Scale	-9.97	
47										SD in Log Scale	4.226	
48										Mean in Original Scale	0.0503	
49										SD in Original Scale	0.357	
50										95% Percentile Bootstrap UCL	0.128	
51										95% BCA Bootstrap UCL	0.174	
52												
53						Gamma Distribution Test with Detected Values Only				Data Distribution Test with Detected Values Only		

54				k star (bias corrected)	0.4	Data Follow Appr. Gamma Distribution at 5% Significance Level						
55				Theta Star	1.669							
56				nu star	4.795							
57												
58				A-D Test Statistic	0.821	Nonparametric Statistics						
59				5% A-D Critical Value	0.731					Kaplan-Meier (KM) Method		
60				K-S Test Statistic	0.731					Mean		0.105
61				5% K-S Critical Value	0.347					SD		0.348
62	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean		0.0423
63										95% KM (t) UCL		0.175
64	Assuming Gamma Distribution									95% KM (z) UCL		0.175
65				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		0.157
66				Minimum	0.06					95% KM (bootstrap t) UCL		0.709
67				Maximum	3.2					95% KM (BCA) UCL		0.276
68				Mean	0.657					95% KM (Percentile Bootstrap) UCL		0.212
69				Median	0.681					95% KM (Chebyshev) UCL		0.289
70				SD	0.32					97.5% KM (Chebyshev) UCL		0.369
71				k star	5.699					99% KM (Chebyshev) UCL		0.526
72				Theta star	0.115							
73				Nu star	923.2	Potential UCLs to Use						
74				AppChi2	853.7					95% KM (t) UCL		0.175
75				95% Gamma Approximate UCL	0.711							
76				95% Adjusted Gamma UCL	0.712							
77	Note: DL/2 is not a recommended method.											
78												
79												
80	1-Methyl Naphthalene											
81	General Statistics											
82				Number of Valid Data	60					Number of Detected Data		4
83				Number of Distinct Detected Data	4					Number of Non-Detect Data		56
84										Percent Non-Detects		93.33%
85												
86	Raw Statistics					Log-transformed Statistics						
87				Minimum Detected	0.42					Minimum Detected		-0.868
88				Maximum Detected	2.02					Maximum Detected		0.703
89				Mean of Detected	1.112					Mean of Detected		-0.0566
90				SD of Detected	0.699					SD of Detected		0.679
91				Minimum Non-Detect	0.3					Minimum Non-Detect		-1.204
92				Maximum Non-Detect	0.39					Maximum Non-Detect		-0.942
93												
94	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		56
95	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		4
96	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		93.33%
97												
98	Warning: There are only 4 Distinct Detected Values in this data											
99	Note: It should be noted that even though bootstrap may be performed on this data set											
100	the resulting calculations may not be reliable enough to draw conclusions											
101												
102	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
103												
104	UCL Statistics											
105	Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only						
106				Shapiro Wilk Test Statistic	0.963					Shapiro Wilk Test Statistic		0.99

107				5% Shapiro Wilk Critical Value	0.748					5% Shapiro Wilk Critical Value	0.748
108	**Data appear Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
109												
110	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
111				DL/2 Substitution Method						DL/2 Substitution Method		
112				Mean	0.231					Mean	-1.67	
113				SD	0.285					SD	0.465	
114				95% DL/2 (t) UCL	0.293					95% H-Stat (DL/2) UCL	0.216	
115												
116				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
117	**MLE yields a negative mean**									Mean in Log Scale	-4.778	
118										SD in Log Scale	2.101	
119										Mean in Original Scale	0.0922	
120										SD in Original Scale	0.318	
121										95% Percentile Bootstrap UCL	0.165	
122										95% BCA Bootstrap UCL	0.185	
123												
124	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
125				k star (bias corrected)	0.972		**Data appear Normal at 5% Significance Level**					
126				Theta Star	1.145							
127				nu star	7.774							
128												
129				A-D Test Statistic	0.205		**Nonparametric Statistics**					
130				5% A-D Critical Value	0.659					Kaplan-Meier (KM) Method		
131				K-S Test Statistic	0.659					Mean	0.466	
132				5% K-S Critical Value	0.396					SD	0.233	
133	**Data appear Gamma Distributed at 5% Significance Level**									SE of Mean	0.0347	
134										95% KM (t) UCL	0.524	
135	**Assuming Gamma Distribution**									95% KM (z) UCL	0.523	
136				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.67	
137				Minimum	0.42					95% KM (bootstrap t) UCL	0.52	
138				Maximum	2.02					95% KM (BCA) UCL	1.308	
139				Mean	1.065					95% KM (Percentile Bootstrap) UCL	N/A	
140				Median	1.063					95% KM (Chebyshev) UCL	0.618	
141				SD	0.205					97.5% KM (Chebyshev) UCL	0.683	
142				k star	25.86					99% KM (Chebyshev) UCL	0.812	
143				Theta star	0.0412							
144				Nu star	3103		**Potential UCLs to Use**					
145				AppChi2	2974					95% KM (t) UCL	0.524	
146				95% Gamma Approximate UCL	1.111					95% KM (Percentile Bootstrap) UCL	N/A	
147				95% Adjusted Gamma UCL	N/A							
148	**Note: DL/2 is not a recommended method.**											
149												
150												
151	**Aluminum**											
152					**General Statistics**							
153				Number of Valid Observations	17					Number of Distinct Observations	17	
154												
155	**Raw Statistics**						**Log-transformed Statistics**					
156				Minimum	511					Minimum of Log Data	6.236	
157				Maximum	4300					Maximum of Log Data	8.366	
158				Mean	2615					Mean of log Data	7.774	
159				Median	2500					SD of log Data	0.503	

160					SD	998.2						
161					Coefficient of Variation	0.382						
162					Skewness	-0.136						
163												
164					**Relevant UCL Statistics**							
165					**Normal Distribution Test**					**Lognormal Distribution Test**		
166					Shapiro Wilk Test Statistic	0.97				Shapiro Wilk Test Statistic	0.844	
167					Shapiro Wilk Critical Value	0.892				Shapiro Wilk Critical Value	0.892	
168					**Data appear Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**		
169												
170					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
171					95% Student's-t UCL	3037				95% H-UCL	3488	
172					**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL	4149	
173					95% Adjusted-CLT UCL	3004				97.5% Chebyshev (MVUE) UCL	4786	
174					95% Modified-t UCL	3036				99% Chebyshev (MVUE) UCL	6037	
175												
176					**Gamma Distribution Test**					**Data Distribution**		
177					k star (bias corrected)	4.532				**Data appear Normal at 5% Significance Level**		
178					Theta Star	577						
179					MLE of Mean	2615						
180					MLE of Standard Deviation	1228						
181					nu star	154.1						
182					Approximate Chi Square Value (.05)	126.4				**Nonparametric Statistics**		
183					Adjusted Level of Significance	0.0346				95% CLT UCL	3013	
184					Adjusted Chi Square Value	123.8				95% Jackknife UCL	3037	
185										95% Standard Bootstrap UCL	3012	
186					Anderson-Darling Test Statistic	0.448				95% Bootstrap-t UCL	3011	
187					Anderson-Darling 5% Critical Value	0.741				95% Hall's Bootstrap UCL	3016	
188					Kolmogorov-Smirnov Test Statistic	0.151				95% Percentile Bootstrap UCL	2991	
189					Kolmogorov-Smirnov 5% Critical Value	0.21				95% BCA Bootstrap UCL	2978	
190					**Data appear Gamma Distributed at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL	3670	
191										97.5% Chebyshev(Mean, Sd) UCL	4127	
192					**Assuming Gamma Distribution**					99% Chebyshev(Mean, Sd) UCL	5024	
193					95% Approximate Gamma UCL	3188						
194					95% Adjusted Gamma UCL	3255						
195												
196					**Potential UCL to Use**					Use 95% Student's-t UCL	3037	
197												
198												
199	**Antimony**											
200					**General Statistics**							
201					Number of Valid Data	21				Number of Detected Data	16	
202					Number of Distinct Detected Data	13				Number of Non-Detect Data	5	
203										Percent Non-Detects	23.81%	
204												
205					**Raw Statistics**					**Log-transformed Statistics**		
206					Minimum Detected	0.037				Minimum Detected	-3.297	
207					Maximum Detected	22				Maximum Detected	3.091	
208					Mean of Detected	1.668				Mean of Detected	-1.955	
209					SD of Detected	5.46				SD of Detected	1.831	
210					Minimum Non-Detect	1.1				Minimum Non-Detect	0.0953	
211					Maximum Non-Detect	13				Maximum Non-Detect	2.565	
212												

213	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	20
214	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
215	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	95.24%
216												
217	**UCL Statistics**											
218	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
219	Shapiro Wilk Test Statistic				0.336		Shapiro Wilk Test Statistic					0.729
220	5% Shapiro Wilk Critical Value				0.887		5% Shapiro Wilk Critical Value					0.887
221	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
222												
223	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
224	DL/2 Substitution Method						DL/2 Substitution Method					
225	Mean				1.968		Mean					-1.396
226	SD				4.978		SD					1.982
227	95% DL/2 (t) UCL				3.842		95% H-Stat (DL/2) UCL					12.13
228												
229	Maximum Likelihood Estimate(MLE) Method				N/A		Log ROS Method					
230	**MLE method failed to converge properly**						Mean in Log Scale					-2.05
231							SD in Log Scale					1.64
232							Mean in Original Scale					1.3
233							SD in Original Scale					4.776
234							95% Percentile Bootstrap UCL					3.317
235							95% BCA Bootstrap UCL					4.48
236												
237	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
238	k star (bias corrected)				0.271		**Data do not follow a Discernable Distribution (0.05)**					
239	Theta Star				6.153							
240	nu star				8.675							
241												
242	A-D Test Statistic				3.036		**Nonparametric Statistics**					
243	5% A-D Critical Value				0.845		Kaplan-Meier (KM) Method					
244	K-S Test Statistic				0.845		Mean					1.309
245	5% K-S Critical Value				0.234		SD					4.663
246	**Data not Gamma Distributed at 5% Significance Level**						SE of Mean					1.052
247							95% KM (t) UCL					3.123
248	**Assuming Gamma Distribution**						95% KM (z) UCL					3.039
249	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					3.109
250	Minimum				0.037		95% KM (bootstrap t) UCL					23.97
251	Maximum				22		95% KM (BCA) UCL					3.427
252	Mean				1.645		95% KM (Percentile Bootstrap) UCL					3.3
253	Median				0.12		95% KM (Chebyshev) UCL					5.893
254	SD				4.739		97.5% KM (Chebyshev) UCL					7.877
255	k star				0.335		99% KM (Chebyshev) UCL					11.77
256	Theta star				4.914							
257	Nu star				14.06		**Potential UCLs to Use**					
258	AppChi2				6.612		99% KM (Chebyshev) UCL					11.77
259	95% Gamma Approximate UCL				3.498							
260	95% Adjusted Gamma UCL				3.717							
261	**Note: DL/2 is not a recommended method.**											
262												
263												
264	**Aroclor-1254**											
265	**General Statistics**											

266				Number of Valid Data	186					Number of Detected Data	17	
267				Number of Distinct Detected Data	17					Number of Non-Detect Data	169	
268										Percent Non-Detects	90.86%	
269												
270				**Raw Statistics**						**Log-transformed Statistics**		
271				Minimum Detected	0.0032					Minimum Detected	-5.745	
272				Maximum Detected	6.9					Maximum Detected	1.932	
273				Mean of Detected	1.095					Mean of Detected	-1.964	
274				SD of Detected	1.828					SD of Detected	2.661	
275				Minimum Non-Detect	0.0017					Minimum Non-Detect	-6.377	
276				Maximum Non-Detect	12					Maximum Non-Detect	2.485	
277												
278	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	186	
279	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
280	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
281												
282				**UCL Statistics**								
283				**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**		
284				Shapiro Wilk Test Statistic	0.665					Shapiro Wilk Test Statistic	0.915	
285				5% Shapiro Wilk Critical Value	0.892					5% Shapiro Wilk Critical Value	0.892	
286				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
287												
288				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
289				DL/2 Substitution Method						DL/2 Substitution Method		
290				Mean	0.91					Mean	-1.013	
291				SD	0.799					SD	2.055	
292				95% DL/2 (t) UCL	1.007					95% H-Stat (DL/2) UCL	4.502	
293												
294				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
295				**MLE method failed to converge properly**						Mean in Log Scale	-5.688	
296										SD in Log Scale	2.073	
297										Mean in Original Scale	0.107	
298										SD in Original Scale	0.623	
299										95% Percentile Bootstrap UCL	0.191	
300										95% BCA Bootstrap UCL	0.22	
301												
302				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
303				k star (bias corrected)	0.311					**Data appear Gamma Distributed at 5% Significance Level**		
304				Theta Star	3.518							
305				nu star	10.58							
306												
307				A-D Test Statistic	0.444					**Nonparametric Statistics**		
308				5% A-D Critical Value	0.835					Kaplan-Meier (KM) Method		
309				K-S Test Statistic	0.835					Mean	0.154	
310				5% K-S Critical Value	0.226					SD	0.649	
311				**Data appear Gamma Distributed at 5% Significance Level**						SE of Mean	0.056	
312										95% KM (t) UCL	0.246	
313				**Assuming Gamma Distribution**						95% KM (z) UCL	0.246	
314				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.244	
315				Minimum	0.0032					95% KM (bootstrap t) UCL	0.291	
316				Maximum	6.9					95% KM (BCA) UCL	0.252	
317				Mean	1.111					95% KM (Percentile Bootstrap) UCL	0.251	
318				Median	1.083					95% KM (Chebyshev) UCL	0.398	

319					SD	0.541				97.5% KM (Chebyshev) UCL		0.503
320					k star	2.753				99% KM (Chebyshev) UCL		0.711
321					Theta star	0.404						
322					Nu star	1024				**Potential UCLs to Use**		
323					AppChi2	950.9				95% KM (t) UCL		0.246
324					95% Gamma Approximate UCL	1.197						
325					95% Adjusted Gamma UCL	1.197						
326	**Note: DL/2 is not a recommended method.**											
327												
328	**Aroclor 1260 0-2 ft (1/2 DL)**											
329					**General Statistics**							
330					Number of Valid Observations	186				Number of Distinct Observations		88
331												
332					**Raw Statistics**					**Log-transformed Statistics**		
333					Minimum	0.00105				Minimum of Log Data		-6.864
334					Maximum	160				Maximum of Log Data		5.075
335					Mean	2.244				Mean of log Data		-1.098
336					Median	1.07				SD of log Data		2.151
337					SD	14.13						
338					Coefficient of Variation	6.297						
339					Skewness	10.03						
340												
341					**Relevant UCL Statistics**							
342					**Normal Distribution Test**					**Lognormal Distribution Test**		
343					Lilliefors Test Statistic	0.51				Lilliefors Test Statistic		0.4
344					Lilliefors Critical Value	0.065				Lilliefors Critical Value		0.065
345					**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**		
346												
347					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
348					95% Student's-t UCL	3.956				95% H-UCL		5.761
349					**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL		7.043
350					95% Adjusted-CLT UCL (Chen-1995)	4.762				97.5% Chebyshev (MVUE) UCL		8.689
351					95% Modified-t UCL (Johnson-1978)	4.083				99% Chebyshev (MVUE) UCL		11.92
352												
353					**Gamma Distribution Test**					**Data Distribution**		
354					k star (bias corrected)	0.35				**Data do not follow a Discernable Distribution (0.05)**		
355					Theta Star	6.407						
356					MLE of Mean	2.244						
357					MLE of Standard Deviation	3.791						
358					nu star	130.3						
359					Approximate Chi Square Value (.05)	104.9				**Nonparametric Statistics**		
360					Adjusted Level of Significance	0.0487				95% CLT UCL		3.948
361					Adjusted Chi Square Value	104.7				95% Jackknife UCL		3.956
362										95% Standard Bootstrap UCL		3.983
363					Anderson-Darling Test Statistic	26				95% Bootstrap-t UCL		42.56
364					Anderson-Darling 5% Critical Value	0.856				95% Hall's Bootstrap UCL		22.87
365					Kolmogorov-Smirnov Test Statistic	0.37				95% Percentile Bootstrap UCL		4.25
366					Kolmogorov-Smirnov 5% Critical Value	0.0725				95% BCA Bootstrap UCL		5.322
367					**Data not Gamma Distributed at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL		6.759
368										97.5% Chebyshev(Mean, Sd) UCL		8.713
369					**Assuming Gamma Distribution**					99% Chebyshev(Mean, Sd) UCL		12.55
370					95% Approximate Gamma UCL	2.786						
371					95% Adjusted Gamma UCL	2.791						

372												
373	**Potential UCL to Use**										Use 95% Chebyshev (Mean, Sd) UCL	6.759
374												
375	**Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.**											
376	**These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)**											
377	**and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.**											
378												
379												
380	Aroclor 1260 0-2 ft (full DL)											
381	**General Statistics**											
382	Number of Valid Observations					186	Number of Distinct Observations					88
383												
384	**Raw Statistics**						**Log-transformed Statistics**					
385	Minimum					0.00209	Minimum of Log Data					-6.171
386	Maximum					160	Maximum of Log Data					5.075
387	Mean					3.036	Mean of log Data					-0.413
388	Median					2.14	SD of log Data					2.131
389	SD					14.07						
390	Coefficient of Variation					4.636						
391	Skewness					9.975						
392												
393	**Relevant UCL Statistics**											
394	**Normal Distribution Test**						**Lognormal Distribution Test**					
395	Lilliefors Test Statistic					0.494	Lilliefors Test Statistic					0.402
396	Lilliefors Critical Value					0.065	Lilliefors Critical Value					0.065
397	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
398												
399	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
400	95% Student's-t UCL					4.742	95% H-UCL					10.87
401	**95% UCLs (Adjusted for Skewness)**						95% Chebyshev (MVUE) UCL					13.32
402	95% Adjusted-CLT UCL (Chen-1995)					5.54	97.5% Chebyshev (MVUE) UCL					16.41
403	95% Modified-t UCL (Johnson-1978)					4.868	99% Chebyshev (MVUE) UCL					22.48
404												
405	**Gamma Distribution Test**						**Data Distribution**					
406	k star (bias corrected)					0.424	**Data do not follow a Discernable Distribution (0.05)**					
407	Theta Star					7.158						
408	MLE of Mean					3.036						
409	MLE of Standard Deviation					4.662						
410	nu star					157.8						
411	Approximate Chi Square Value (.05)					129.7	**Nonparametric Statistics**					
412	Adjusted Level of Significance					0.0487	95% CLT UCL					4.733
413	Adjusted Chi Square Value					129.5	95% Jackknife UCL					4.742
414							95% Standard Bootstrap UCL					4.758
415	Anderson-Darling Test Statistic					23.75	95% Bootstrap-t UCL					23.11
416	Anderson-Darling 5% Critical Value					0.838	95% Hall's Bootstrap UCL					18.68
417	Kolmogorov-Smirnov Test Statistic					0.316	95% Percentile Bootstrap UCL					4.974
418	Kolmogorov-Smirnov 5% Critical Value					0.0718	95% BCA Bootstrap UCL					5.916
419	**Data not Gamma Distributed at 5% Significance Level**						95% Chebyshev(Mean, Sd) UCL					7.534
420							97.5% Chebyshev(Mean, Sd) UCL					9.481
421	**Assuming Gamma Distribution**						99% Chebyshev(Mean, Sd) UCL					13.3
422	95% Approximate Gamma UCL					3.692						
423	95% Adjusted Gamma UCL					3.698						
424												

425	Potential UCL to Use						Use 95% Chebyshev (Mean, Sd) UCL					7.534
426												
427	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
428	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
429	and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.											
430												
431												
432	Aroclor-1268											
433	General Statistics											
434					Number of Valid Data	182				Number of Detected Data		67
435					Number of Distinct Detected Data	60				Number of Non-Detect Data		115
436										Percent Non-Detects		63.19%
437												
438	Raw Statistics						Log-transformed Statistics					
439					Minimum Detected	0.034				Minimum Detected		-3.381
440					Maximum Detected	240				Maximum Detected		5.481
441					Mean of Detected	7.779				Mean of Detected		0.222
442					SD of Detected	29.96				SD of Detected		1.904
443					Minimum Non-Detect	0.017				Minimum Non-Detect		-4.075
444					Maximum Non-Detect	3.36				Maximum Non-Detect		1.212
445												
446	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		164
447	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		18
448	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		90.11%
449												
450	UCL Statistics											
451	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
452					Lilliefors Test Statistic	0.398				Lilliefors Test Statistic		0.0768
453					5% Lilliefors Critical Value	0.108				5% Lilliefors Critical Value		0.108
454	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
455												
456	Assuming Normal Distribution						Assuming Lognormal Distribution					
457					DL/2 Substitution Method					DL/2 Substitution Method		
458					Mean	3.517				Mean		-0.0676
459					SD	18.38				SD		1.492
460					95% DL/2 (t) UCL	5.77				95% H-Stat (DL/2) UCL		3.243
461												
462					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
463	MLE yields a negative mean									Mean in Log Scale		-1.142
464										SD in Log Scale		1.787
465										Mean in Original Scale		3.015
466										SD in Original Scale		18.46
467										95% Percentile Bootstrap UCL		5.665
468										95% BCA Bootstrap UCL		8.192
469												
470	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
471					k star (bias corrected)	0.359	Data appear Lognormal at 5% Significance Level					
472					Theta Star	21.69						
473					nu star	48.07						
474												
475					A-D Test Statistic	3.228	Nonparametric Statistics					
476					5% A-D Critical Value	0.849				Kaplan-Meier (KM) Method		
477					K-S Test Statistic	0.849				Mean		3.137

478				5% K-S Critical Value	0.117					SD	18.39
479	Data not Gamma Distributed at 5% Significance Level									SE of Mean	1.375
480										95% KM (t) UCL	5.41
481	Assuming Gamma Distribution									95% KM (z) UCL	5.398
482	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	5.398
483				Minimum	0.034					95% KM (bootstrap t) UCL	11.89
484				Maximum	240					95% KM (BCA) UCL	5.748
485				Mean	7.373					95% KM (Percentile Bootstrap) UCL	5.707
486				Median	5.583					95% KM (Chebyshev) UCL	9.13
487				SD	18.17					97.5% KM (Chebyshev) UCL	11.72
488				k star	0.835					99% KM (Chebyshev) UCL	16.82
489				Theta star	8.832						
490				Nu star	303.9					Potential UCLs to Use	
491				AppChi2	264.5					95% KM (Chebyshev) UCL	9.13
492				95% Gamma Approximate UCL	8.47						
493				95% Adjusted Gamma UCL	8.48						
494	Note: DL/2 is not a recommended method.										
495											
496											
497	Arsenic										
498	General Statistics										
499				Number of Valid Data	17					Number of Detected Data	9
500				Number of Distinct Detected Data	9					Number of Non-Detect Data	8
501										Percent Non-Detects	47.06%
502											
503	Raw Statistics									Log-transformed Statistics	
504				Minimum Detected	0.28					Minimum Detected	-1.273
505				Maximum Detected	2.84					Maximum Detected	1.044
506				Mean of Detected	1.091					Mean of Detected	-0.335
507				SD of Detected	1.062					SD of Detected	0.951
508				Minimum Non-Detect	0.18					Minimum Non-Detect	-1.715
509				Maximum Non-Detect	6					Maximum Non-Detect	1.792
510											
511	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	17
512	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0
513	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%
514											
515	Warning: There are only 9 Detected Values in this data										
516	Note: It should be noted that even though bootstrap may be performed on this data set										
517	the resulting calculations may not be reliable enough to draw conclusions										
518											
519	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.										
520											
521	UCL Statistics										
522	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only	
523				Shapiro Wilk Test Statistic	0.733					Shapiro Wilk Test Statistic	0.795
524				5% Shapiro Wilk Critical Value	0.829					5% Shapiro Wilk Critical Value	0.829
525	Data not Normal at 5% Significance Level									Data not Lognormal at 5% Significance Level	
526											
527	Assuming Normal Distribution									Assuming Lognormal Distribution	
528				DL/2 Substitution Method						DL/2 Substitution Method	
529				Mean	1.08					Mean	-0.293
530				SD	0.935					SD	0.936

531				95% DL/2 (t) UCL	1.476					95% H-Stat (DL/2) UCL		1.771
532												
533				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
534				**MLE method failed to converge properly**						Mean in Log Scale		-0.711
535										SD in Log Scale		0.87
536										Mean in Original Scale		0.746
537										SD in Original Scale		0.845
538										95% Percentile Bootstrap UCL		1.106
539										95% BCA Bootstrap UCL		1.171
540												
541				**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**		
542				k star (bias corrected)	0.958					**Data do not follow a Discernable Distribution (0.05)**		
543				Theta Star	1.139							
544				nu star	17.24							
545												
546				A-D Test Statistic	1.068					**Nonparametric Statistics**		
547				5% A-D Critical Value	0.738					Kaplan-Meier (KM) Method		
548				K-S Test Statistic	0.738					Mean		0.782
549				5% K-S Critical Value	0.285					SD		0.84
550				**Data not Gamma Distributed at 5% Significance Level**						SE of Mean		0.226
551										95% KM (t) UCL		1.176
552				**Assuming Gamma Distribution**						95% KM (z) UCL		1.154
553				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL		1.164
554				Minimum	0.28					95% KM (bootstrap t) UCL		1.314
555				Maximum	2.84					95% KM (BCA) UCL		1.184
556				Mean	1.065					95% KM (Percentile Bootstrap) UCL		1.166
557				Median	1.085					95% KM (Chebyshev) UCL		1.767
558				SD	0.774					97.5% KM (Chebyshev) UCL		2.193
559				k star	1.842					99% KM (Chebyshev) UCL		3.03
560				Theta star	0.578							
561				Nu star	62.63					**Potential UCLs to Use**		
562				AppChi2	45.43					95% KM (t) UCL		1.176
563				95% Gamma Approximate UCL	1.469					95% KM (% Bootstrap) UCL		1.166
564				95% Adjusted Gamma UCL	1.52							
565	**Note: DL/2 is not a recommended method.**											
566												
567												
568	**Benzo(a)anthracene**											
569										**General Statistics**		
570				Number of Valid Data	95					Number of Detected Data		17
571				Number of Distinct Detected Data	16					Number of Non-Detect Data		78
572										Percent Non-Detects		82.11%
573												
574				**Raw Statistics**						**Log-transformed Statistics**		
575				Minimum Detected	0.00068					Minimum Detected		-7.293
576				Maximum Detected	20					Maximum Detected		2.996
577				Mean of Detected	1.763					Mean of Detected		-2.342
578				SD of Detected	4.877					SD of Detected		2.734
579				Minimum Non-Detect	0.3					Minimum Non-Detect		-1.204
580				Maximum Non-Detect	6.8					Maximum Non-Detect		1.917
581												
582	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		94
583	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		1

	A	B	C	D	E	F	G	H	I	J	K	L
584	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.95%
585												
586	UCL Statistics											
587	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
588	Shapiro Wilk Test Statistic					0.412	Shapiro Wilk Test Statistic					0.981
589	5% Shapiro Wilk Critical Value					0.892	5% Shapiro Wilk Critical Value					0.892
590	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
591												
592	Assuming Normal Distribution						Assuming Lognormal Distribution					
593	DL/2 Substitution Method						DL/2 Substitution Method					
594	Mean					0.494	Mean					-1.829
595	SD					2.125	SD					1.202
596	95% DL/2 (t) UCL					0.856	95% H-Stat (DL/2) UCL					0.424
597												
598	Maximum Likelihood Estimate(MLE) Method					N/A	Log ROS Method					
599	MLE method failed to converge properly						Mean in Log Scale					-3.286
600							SD in Log Scale					1.867
601							Mean in Original Scale					0.385
602							SD in Original Scale					2.116
603							95% Percentile Bootstrap UCL					0.791
604							95% BCA Bootstrap UCL					1.076
605												
606	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
607	k star (bias corrected)					0.241	Data appear Lognormal at 5% Significance Level					
608	Theta Star					7.315						
609	nu star					8.193						
610												
611	A-D Test Statistic					1.166	Nonparametric Statistics					
612	5% A-D Critical Value					0.864	Kaplan-Meier (KM) Method					
613	K-S Test Statistic					0.864	Mean					0.384
614	5% K-S Critical Value					0.229	SD					2.105
615	Data not Gamma Distributed at 5% Significance Level						SE of Mean					0.224
616							95% KM (t) UCL					0.756
617	Assuming Gamma Distribution						95% KM (z) UCL					0.752
618	Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL					0.747
619	Minimum					1E-09	95% KM (bootstrap t) UCL					1.892
620	Maximum					20	95% KM (BCA) UCL					0.807
621	Mean					1.771	95% KM (Percentile Bootstrap) UCL					0.789
622	Median					1.982	95% KM (Chebyshev) UCL					1.359
623	SD					2.105	97.5% KM (Chebyshev) UCL					1.781
624	k star					0.578	99% KM (Chebyshev) UCL					2.61
625	Theta star					3.061						
626	Nu star					109.9	Potential UCLs to Use					
627	AppChi2					86.71	97.5% KM (Chebyshev) UCL					1.781
628	95% Gamma Approximate UCL					2.244						
629	95% Adjusted Gamma UCL					2.253						
630	Note: DL/2 is not a recommended method.											
631												
632												
633	Benzo(a)pyrene											
634	General Statistics											
635	Number of Valid Data					95	Number of Detected Data					18
636	Number of Distinct Detected Data					18	Number of Non-Detect Data					77

637											Percent Non-Detects	81.05%
638												
639	**Raw Statistics**						**Log-transformed Statistics**					
640					Minimum Detected	0.00052					Minimum Detected	-7.562
641					Maximum Detected	16					Maximum Detected	2.773
642					Mean of Detected	1.315					Mean of Detected	-2.203
643					SD of Detected	3.74					SD of Detected	2.642
644					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
645					Maximum Non-Detect	6.8					Maximum Non-Detect	1.917
646												
647	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	94
648	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
649	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.95%
650												
651	**UCL Statistics**											
652	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
653					Shapiro Wilk Test Statistic	0.384					Shapiro Wilk Test Statistic	0.985
654					5% Shapiro Wilk Critical Value	0.897					5% Shapiro Wilk Critical Value	0.897
655	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
656												
657	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
658					DL/2 Substitution Method						DL/2 Substitution Method	
659					Mean	0.422					Mean	-1.82
660					SD	1.682					SD	1.181
661					95% DL/2 (t) UCL	0.708					95% H-Stat (DL/2) UCL	0.414
662												
663					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
664	**MLE method failed to converge properly**										Mean in Log Scale	-3.391
665											SD in Log Scale	1.829
666											Mean in Original Scale	0.3
667											SD in Original Scale	1.667
668											95% Percentile Bootstrap UCL	0.63
669											95% BCA Bootstrap UCL	0.826
670												
671	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
672					k star (bias corrected)	0.271	**Data appear Gamma Distributed at 5% Significance Level**					
673					Theta Star	4.844						
674					nu star	9.773						
675												
676					A-D Test Statistic	0.758	**Nonparametric Statistics**					
677					5% A-D Critical Value	0.85					Kaplan-Meier (KM) Method	
678					K-S Test Statistic	0.85					Mean	0.32
679					5% K-S Critical Value	0.222					SD	1.656
680	**Data appear Gamma Distributed at 5% Significance Level**										SE of Mean	0.177
681											95% KM (t) UCL	0.614
682	**Assuming Gamma Distribution**										95% KM (z) UCL	0.611
683	Gamma ROS Statistics using Extrapolated Data										95% KM (jackknife) UCL	0.608
684					Minimum	1E-09					95% KM (bootstrap t) UCL	1.498
685					Maximum	16					95% KM (BCA) UCL	0.664
686					Mean	1.275					95% KM (Percentile Bootstrap) UCL	0.654
687					Median	1.429					95% KM (Chebyshev) UCL	1.091
688					SD	1.675					97.5% KM (Chebyshev) UCL	1.424
689					k star	0.36					99% KM (Chebyshev) UCL	2.079

690					Theta star	3.547						
691					Nu star	68.33			Potential UCLs to Use			
692					AppChi2	50.3					95% KM (t) UCL	0.614
693				95% Gamma Approximate UCL		1.732						
694				95% Adjusted Gamma UCL		1.741						
695	Note: DL/2 is not a recommended method.											
696												
697												
698	Benzo(b)fluoranthene											
699						General Statistics						
700					Number of Valid Data	90					Number of Detected Data	16
701				Number of Distinct Detected Data		16					Number of Non-Detect Data	74
702											Percent Non-Detects	82.22%
703												
704				Raw Statistics					Log-transformed Statistics			
705					Minimum Detected	0.00064					Minimum Detected	-7.354
706					Maximum Detected	13					Maximum Detected	2.565
707					Mean of Detected	1.161					Mean of Detected	-2.405
708					SD of Detected	3.223					SD of Detected	2.563
709					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
710					Maximum Non-Detect	1.2					Maximum Non-Detect	0.182
711												
712	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	87
713	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	3
714	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	96.67%
715												
716						UCL Statistics						
717				Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only			
718					Shapiro Wilk Test Statistic	0.402					Shapiro Wilk Test Statistic	0.994
719					5% Shapiro Wilk Critical Value	0.887					5% Shapiro Wilk Critical Value	0.887
720				Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level			
721												
722				Assuming Normal Distribution					Assuming Lognormal Distribution			
723					DL/2 Substitution Method						DL/2 Substitution Method	
724					Mean	0.352					Mean	-1.869
725					SD	1.377					SD	1.092
726					95% DL/2 (t) UCL	0.593					95% H-Stat (DL/2) UCL	0.338
727												
728					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
729					Mean	8.996					Mean in Log Scale	-3.524
730					SD	5.2					SD in Log Scale	1.758
731					95% MLE (t) UCL	9.907					Mean in Original Scale	0.252
732					95% MLE (Tiku) UCL	13.84					SD in Original Scale	1.391
733											95% Percentile Bootstrap UCL	0.549
734											95% BCA Bootstrap UCL	0.713
735												
736				Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only			
737					k star (bias corrected)	0.264			Data Follow Appr. Gamma Distribution at 5% Significance Level			
738					Theta Star	4.395						
739					nu star	8.455						
740												
741					A-D Test Statistic	0.907			Nonparametric Statistics			
742					5% A-D Critical Value	0.848					Kaplan-Meier (KM) Method	

743				K-S Test Statistic	0.848					Mean	0.253	
744				5% K-S Critical Value	0.234					SD	1.383	
745	Data follow Appr. Gamma Distribution at 5% Significance Level									SE of Mean	0.151	
746										95% KM (t) UCL	0.505	
747	Assuming Gamma Distribution									95% KM (z) UCL	0.502	
748	Gamma ROS Statistics using Extrapolated Data									95% KM (jackknife) UCL	0.498	
749				Minimum	1E-09					95% KM (bootstrap t) UCL	1.398	
750				Maximum	13					95% KM (BCA) UCL	0.52	
751				Mean	1.139					95% KM (Percentile Bootstrap) UCL	0.529	
752				Median	1.267					95% KM (Chebyshev) UCL	0.913	
753				SD	1.404					97.5% KM (Chebyshev) UCL	1.198	
754				k star	0.39					99% KM (Chebyshev) UCL	1.759	
755				Theta star	2.922							
756				Nu star	70.19					Potential UCLs to Use		
757				AppChi2	51.9					95% KM (t) UCL	0.505	
758				95% Gamma Approximate UCL	1.541							
759				95% Adjusted Gamma UCL	1.548							
760	Note: DL/2 is not a recommended method.											
761												
762												
763	Benzo(k)fluoranthene											
764					General Statistics							
765				Number of Valid Data	90					Number of Detected Data	16	
766				Number of Distinct Detected Data	15					Number of Non-Detect Data	74	
767										Percent Non-Detects	82.22%	
768												
769				Raw Statistics						Log-transformed Statistics		
770				Minimum Detected	0.00032					Minimum Detected	-8.047	
771				Maximum Detected	2.61					Maximum Detected	0.959	
772				Mean of Detected	0.488					Mean of Detected	-3.354	
773				SD of Detected	0.941					SD of Detected	2.766	
774				Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204	
775				Maximum Non-Detect	1.2					Maximum Non-Detect	0.182	
776												
777	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	87	
778	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	3	
779	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	96.67%	
780												
781					UCL Statistics							
782	Normal Distribution Test with Detected Values Only									Lognormal Distribution Test with Detected Values Only		
783				Shapiro Wilk Test Statistic	0.564					Shapiro Wilk Test Statistic	0.956	
784				5% Shapiro Wilk Critical Value	0.887					5% Shapiro Wilk Critical Value	0.887	
785	Data not Normal at 5% Significance Level									Data appear Lognormal at 5% Significance Level		
786												
787	Assuming Normal Distribution									Assuming Lognormal Distribution		
788				DL/2 Substitution Method						DL/2 Substitution Method		
789				Mean	0.232					Mean	-2.038	
790				SD	0.407					SD	1.3	
791				95% DL/2 (t) UCL	0.303					95% H-Stat (DL/2) UCL	0.406	
792												
793				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
794	MLE yields a negative mean									Mean in Log Scale	-4.365	
795										SD in Log Scale	1.905	

796											Mean in Original Scale	0.111
797											SD in Original Scale	0.426
798											95% Percentile Bootstrap UCL	0.192
799											95% BCA Bootstrap UCL	0.212
800												
801			Gamma Distribution Test with Detected Values Only								Data Distribution Test with Detected Values Only	
802					k star (bias corrected)	0.258					Data appear Lognormal at 5% Significance Level	
803					Theta Star	1.889						
804					nu star	8.266						
805												
806					A-D Test Statistic	1.004					Nonparametric Statistics	
807					5% A-D Critical Value	0.851					Kaplan-Meier (KM) Method	
808					K-S Test Statistic	0.851					Mean	0.11
809					5% K-S Critical Value	0.234					SD	0.424
810			Data not Gamma Distributed at 5% Significance Level								SE of Mean	0.0471
811											95% KM (t) UCL	0.188
812			Assuming Gamma Distribution								95% KM (z) UCL	0.187
813					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.186
814					Minimum	0.00032					95% KM (bootstrap t) UCL	0.295
815					Maximum	2.61					95% KM (BCA) UCL	0.191
816					Mean	0.487					95% KM (Percentile Bootstrap) UCL	0.192
817					Median	0.499					95% KM (Chebyshev) UCL	0.315
818					SD	0.388					97.5% KM (Chebyshev) UCL	0.404
819					k star	1.165					99% KM (Chebyshev) UCL	0.578
820					Theta star	0.418						
821					Nu star	209.8					Potential UCLs to Use	
822					AppChi2	177.3					97.5% KM (Chebyshev) UCL	0.404
823					95% Gamma Approximate UCL	0.577						
824					95% Adjusted Gamma UCL	0.578						
825	Note: DL/2 is not a recommended method.											
826												
827												
828	Chloroform											
829							General Statistics					
830					Number of Valid Data	89					Number of Detected Data	5
831					Number of Distinct Detected Data	5					Number of Non-Detect Data	84
832											Percent Non-Detects	94.38%
833												
834			Raw Statistics								Log-transformed Statistics	
835					Minimum Detected	0.0012					Minimum Detected	-6.725
836					Maximum Detected	0.1					Maximum Detected	-2.303
837					Mean of Detected	0.0326					Mean of Detected	-4.407
838					SD of Detected	0.0421					SD of Detected	1.757
839					Minimum Non-Detect	0.00005					Minimum Non-Detect	-9.903
840					Maximum Non-Detect	0.29					Maximum Non-Detect	-1.238
841												
842	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	89
843	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
844	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
845												
846	Warning: There are only 5 Detected Values in this data											
847	Note: It should be noted that even though bootstrap may be performed on this data set											
848	the resulting calculations may not be reliable enough to draw conclusions											

	A	B	C	D	E	F	G	H	I	J	K	L
849												
850	It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.											
851												
852												
853	UCL Statistics											
854	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
855					Shapiro Wilk Test Statistic	0.807					Shapiro Wilk Test Statistic	0.948
856					5% Shapiro Wilk Critical Value	0.762					5% Shapiro Wilk Critical Value	0.762
857	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
858												
859	Assuming Normal Distribution						Assuming Lognormal Distribution					
860					DL/2 Substitution Method						DL/2 Substitution Method	
861					Mean	0.0274					Mean	-4.181
862					SD	0.021					SD	1.852
863					95% DL/2 (t) UCL	0.0311					95% H-Stat (DL/2) UCL	0.154
864												
865					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
866	MLE method failed to converge properly										Mean in Log Scale	-7.323
867											SD in Log Scale	1.918
868											Mean in Original Scale	0.00407
869											SD in Original Scale	0.0124
870											95% Percentile Bootstrap UCL	0.00637
871											95% BCA Bootstrap UCL	0.00748
872												
873	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
874					k star (bias corrected)	0.383	Data appear Normal at 5% Significance Level					
875					Theta Star	0.085						
876					nu star	3.833						
877												
878					A-D Test Statistic	0.331	Nonparametric Statistics					
879					5% A-D Critical Value	0.705					Kaplan-Meier (KM) Method	
880					K-S Test Statistic	0.705					Mean	0.00618
881					5% K-S Critical Value	0.369					SD	0.0151
882	Data appear Gamma Distributed at 5% Significance Level										SE of Mean	0.00336
883											95% KM (t) UCL	0.0118
884	Assuming Gamma Distribution										95% KM (z) UCL	0.0117
885					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.011
886					Minimum	0.0012					95% KM (bootstrap t) UCL	0.0183
887					Maximum	0.1					95% KM (BCA) UCL	0.0504
888					Mean	0.0399					95% KM (Percentile Bootstrap) UCL	0.0185
889					Median	0.0362					95% KM (Chebyshev) UCL	0.0208
890					SD	0.0144					97.5% KM (Chebyshev) UCL	0.0272
891					k star	5.583					99% KM (Chebyshev) UCL	0.0396
892					Theta star	0.00714						
893					Nu star	993.8	Potential UCLs to Use					
894					AppChi2	921.7					95% KM (t) UCL	0.0118
895					95% Gamma Approximate UCL	0.043					95% KM (Percentile Bootstrap) UCL	0.0185
896					95% Adjusted Gamma UCL	0.043						
897	Note: DL/2 is not a recommended method.											
898												
899												
900	Chromium											
901	General Statistics											

902				Number of Valid Observations	17				Number of Distinct Observations	16		
903												
904				**Raw Statistics**					**Log-transformed Statistics**			
905				Minimum	0.57				Minimum of Log Data	-0.562		
906				Maximum	54				Maximum of Log Data	3.989		
907				Mean	6.589				Mean of log Data	1.28		
908				Median	3				SD of log Data	0.927		
909				SD	12.45							
910				Coefficient of Variation	1.889							
911				Skewness	3.884							
912												
913				**Relevant UCL Statistics**								
914				**Normal Distribution Test**					**Lognormal Distribution Test**			
915				Shapiro Wilk Test Statistic	0.402				Shapiro Wilk Test Statistic	0.819		
916				Shapiro Wilk Critical Value	0.892				Shapiro Wilk Critical Value	0.892		
917				**Data not Normal at 5% Significance Level**					**Data not Lognormal at 5% Significance Level**			
918												
919				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
920				95% Student's-t UCL	11.86				95% H-UCL	10.02		
921				**95% UCLs (Adjusted for Skewness)**					95% Chebyshev (MVUE) UCL	11.07		
922				95% Adjusted-CLT UCL	14.59				97.5% Chebyshev (MVUE) UCL	13.55		
923				95% Modified-t UCL	12.33				99% Chebyshev (MVUE) UCL	18.42		
924												
925				**Gamma Distribution Test**					**Data Distribution**			
926				k star (bias corrected)	0.828				**Data do not follow a Discernable Distribution (0.05)**			
927				Theta Star	7.956							
928				MLE of Mean	6.589							
929				MLE of Standard Deviation	7.241							
930				nu star	28.16							
931				Approximate Chi Square Value (.05)	17.05				**Nonparametric Statistics**			
932				Adjusted Level of Significance	0.0346				95% CLT UCL	11.56		
933				Adjusted Chi Square Value	16.15				95% Jackknife UCL	11.86		
934									95% Standard Bootstrap UCL	11.39		
935				Anderson-Darling Test Statistic	2.388				95% Bootstrap-t UCL	38.29		
936				Anderson-Darling 5% Critical Value	0.768				95% Hall's Bootstrap UCL	29.09		
937				Kolmogorov-Smirnov Test Statistic	0.33				95% Percentile Bootstrap UCL	12.15		
938				Kolmogorov-Smirnov 5% Critical Value	0.215				95% BCA Bootstrap UCL	15.69		
939				**Data not Gamma Distributed at 5% Significance Level**					95% Chebyshev(Mean, Sd) UCL	19.75		
940									97.5% Chebyshev(Mean, Sd) UCL	25.44		
941				**Assuming Gamma Distribution**					99% Chebyshev(Mean, Sd) UCL	36.63		
942				95% Approximate Gamma UCL	10.88							
943				95% Adjusted Gamma UCL	11.49							
944												
945				**Potential UCL to Use**					Use 95% Chebyshev (Mean, Sd) UCL	19.75		
946												
947												
948	**Chrysene**											
949						**General Statistics**							
950				Number of Valid Data	95				Number of Detected Data	21		
951				Number of Distinct Detected Data	20				Number of Non-Detect Data	74		
952									Percent Non-Detects	77.89%		
953												
954				**Raw Statistics**					**Log-transformed Statistics**			

	A	B	C	D	E	F	G	H	I	J	K	L
955					Minimum Detected	0.00041					Minimum Detected	-7.799
956					Maximum Detected	30					Maximum Detected	3.401
957					Mean of Detected	1.872					Mean of Detected	-1.974
958					SD of Detected	6.511					SD of Detected	2.451
959					Minimum Non-Detect	0.3					Minimum Non-Detect	-1.204
960					Maximum Non-Detect	6.8					Maximum Non-Detect	1.917
961												
962	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	94
963	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	1
964	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	98.95%
965												
966	**UCL Statistics**											
967	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
968					Shapiro Wilk Test Statistic	0.302					Shapiro Wilk Test Statistic	0.976
969					5% Shapiro Wilk Critical Value	0.908					5% Shapiro Wilk Critical Value	0.908
970	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
971												
972	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
973					DL/2 Substitution Method						DL/2 Substitution Method	
974					Mean	0.586					Mean	-1.77
975					SD	3.1					SD	1.185
976					95% DL/2 (t) UCL	1.114					95% H-Stat (DL/2) UCL	0.45
977												
978					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
979	**MLE method failed to converge properly**										Mean in Log Scale	-3.219
980											SD in Log Scale	1.75
981											Mean in Original Scale	0.459
982											SD in Original Scale	3.098
983											95% Percentile Bootstrap UCL	1.079
984											95% BCA Bootstrap UCL	1.709
985												
986	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
987					k star (bias corrected)	0.263	**Data appear Lognormal at 5% Significance Level**					
988					Theta Star	7.121						
989					nu star	11.04						
990												
991					A-D Test Statistic	1.66	**Nonparametric Statistics**					
992					5% A-D Critical Value	0.859					Kaplan-Meier (KM) Method	
993					K-S Test Statistic	0.859					Mean	0.482
994					5% K-S Critical Value	0.207					SD	3.08
995	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.324
996											95% KM (t) UCL	1.02
997	**Assuming Gamma Distribution**										95% KM (z) UCL	1.015
998					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	1.01
999					Minimum	0.00041					95% KM (bootstrap t) UCL	5.153
1000					Maximum	30					95% KM (BCA) UCL	1.11
1001					Mean	1.947					95% KM (Percentile Bootstrap) UCL	1.099
1002					Median	1.631					95% KM (Chebyshev) UCL	1.896
1003					SD	3.038					97.5% KM (Chebyshev) UCL	2.508
1004					k star	0.945					99% KM (Chebyshev) UCL	3.71
1005					Theta star	2.06						
1006					Nu star	179.6	**Potential UCLs to Use**					
1007					AppChi2	149.6					97.5% KM (Chebyshev) UCL	2.508

1008				95% Gamma Approximate UCL		2.337						
1009				95% Adjusted Gamma UCL		2.343						
1010	Note: DL/2 is not a recommended method.											
1011												
1012												
1013	Cobalt											
1014					General Statistics							
1015					Number of Valid Data	17				Number of Detected Data	10	
1016					Number of Distinct Detected Data	10				Number of Non-Detect Data	7	
1017										Percent Non-Detects	41.18%	
1018												
1019				Raw Statistics					Log-transformed Statistics			
1020					Minimum Detected	0.035				Minimum Detected	-3.352	
1021					Maximum Detected	2.9				Maximum Detected	1.065	
1022					Mean of Detected	0.558				Mean of Detected	-1.247	
1023					SD of Detected	0.85				SD of Detected	1.17	
1024					Minimum Non-Detect	0.43				Minimum Non-Detect	-0.844	
1025					Maximum Non-Detect	11				Maximum Non-Detect	2.398	
1026												
1027	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	17	
1028	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	0	
1029	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	100.00%	
1030												
1031					UCL Statistics							
1032				Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only			
1033					Shapiro Wilk Test Statistic	0.585				Shapiro Wilk Test Statistic	0.965	
1034					5% Shapiro Wilk Critical Value	0.842				5% Shapiro Wilk Critical Value	0.842	
1035				Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level			
1036												
1037				Assuming Normal Distribution					Assuming Lognormal Distribution			
1038					DL/2 Substitution Method					DL/2 Substitution Method		
1039					Mean	1.101				Mean	-0.845	
1040					SD	1.783				SD	1.349	
1041					95% DL/2 (t) UCL	1.857				95% H-Stat (DL/2) UCL	2.673	
1042												
1043					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1044				MLE method failed to converge properly						Mean in Log Scale	-1.4	
1045										SD in Log Scale	0.947	
1046										Mean in Original Scale	0.418	
1047										SD in Original Scale	0.663	
1048										95% Percentile Bootstrap UCL	0.703	
1049										95% BCA Bootstrap UCL	0.897	
1050												
1051				Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only			
1052					k star (bias corrected)	0.685				Data appear Gamma Distributed at 5% Significance Level		
1053					Theta Star	0.814						
1054					nu star	13.71						
1055												
1056					A-D Test Statistic	0.61				Nonparametric Statistics		
1057					5% A-D Critical Value	0.752				Kaplan-Meier (KM) Method		
1058					K-S Test Statistic	0.752				Mean	0.45	
1059					5% K-S Critical Value	0.275				SD	0.682	
1060				Data appear Gamma Distributed at 5% Significance Level						SE of Mean	0.188	

1061											95% KM (t) UCL	0.778
1062			Assuming Gamma Distribution								95% KM (z) UCL	0.759
1063				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.774
1064					Minimum	0.035					95% KM (bootstrap t) UCL	1.496
1065					Maximum	2.9					95% KM (BCA) UCL	0.787
1066					Mean	0.593					95% KM (Percentile Bootstrap) UCL	0.786
1067					Median	0.42					95% KM (Chebyshev) UCL	1.268
1068					SD	0.665					97.5% KM (Chebyshev) UCL	1.622
1069					k star	1.092					99% KM (Chebyshev) UCL	2.317
1070					Theta star	0.544						
1071					Nu star	37.11					Potential UCLs to Use	
1072					AppChi2	24.17					95% KM (BCA) UCL	0.787
1073					95% Gamma Approximate UCL	0.911						
1074					95% Adjusted Gamma UCL	0.954						
1075	Note: DL/2 is not a recommended method.											
1076												
1077												
1078	Dibenzo(a,h)anthracene											
1079						General Statistics						
1080					Number of Valid Data	95					Number of Detected Data	13
1081					Number of Distinct Detected Data	12					Number of Non-Detect Data	82
1082											Percent Non-Detects	86.32%
1083												
1084				Raw Statistics							Log-transformed Statistics	
1085					Minimum Detected	0.00077					Minimum Detected	-7.169
1086					Maximum Detected	5.5					Maximum Detected	1.705
1087					Mean of Detected	0.454					Mean of Detected	-3.708
1088					SD of Detected	1.516					SD of Detected	2.172
1089					Minimum Non-Detect	0.00028					Minimum Non-Detect	-8.181
1090					Maximum Non-Detect	6.8					Maximum Non-Detect	1.917
1091												
1092	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	95
1093	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1094	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1095												
1096						UCL Statistics						
1097				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
1098					Shapiro Wilk Test Statistic	0.33					Shapiro Wilk Test Statistic	0.927
1099					5% Shapiro Wilk Critical Value	0.866					5% Shapiro Wilk Critical Value	0.866
1100				Data not Normal at 5% Significance Level							Data appear Lognormal at 5% Significance Level	
1101												
1102				Assuming Normal Distribution							Assuming Lognormal Distribution	
1103					DL/2 Substitution Method						DL/2 Substitution Method	
1104					Mean	0.246					Mean	-2.065
1105					SD	0.642					SD	1.299
1106					95% DL/2 (t) UCL	0.356					95% H-Stat (DL/2) UCL	0.398
1107												
1108					Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method	
1109				MLE method failed to converge properly							Mean in Log Scale	-4.338
1110											SD in Log Scale	1.713
1111											Mean in Original Scale	0.0929
1112											SD in Original Scale	0.563
1113											95% Percentile Bootstrap UCL	0.206

1114											95% BCA Bootstrap UCL	0.325
1115												
1116				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
1117						k star (bias corrected)	0.239				Data appear Lognormal at 5% Significance Level	
1118						Theta Star	1.899					
1119						nu star	6.219					
1120												
1121						A-D Test Statistic	1.988				Nonparametric Statistics	
1122						5% A-D Critical Value	0.851				Kaplan-Meier (KM) Method	
1123						K-S Test Statistic	0.851				Mean	0.0894
1124						5% K-S Critical Value	0.259				SD	0.562
1125				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.061
1126											95% KM (t) UCL	0.191
1127				Assuming Gamma Distribution							95% KM (z) UCL	0.19
1128				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.187
1129						Minimum	1E-09				95% KM (bootstrap t) UCL	0.66
1130						Maximum	5.5				95% KM (BCA) UCL	0.216
1131						Mean	0.5				95% KM (Percentile Bootstrap) UCL	0.205
1132						Median	0.0033				95% KM (Chebyshev) UCL	0.355
1133						SD	0.948				97.5% KM (Chebyshev) UCL	0.471
1134						k star	0.0877				99% KM (Chebyshev) UCL	0.697
1135						Theta star	5.704					
1136						Nu star	16.66				Potential UCLs to Use	
1137						AppChi2	8.431				97.5% KM (Chebyshev) UCL	0.471
1138						95% Gamma Approximate UCL	0.989					
1139						95% Adjusted Gamma UCL	0.999					
1140	Note: DL/2 is not a recommended method.											
1141												
1142												
1143	Indeno(1,2,3-cd)pyrene											
1144							General Statistics					
1145						Number of Valid Data	95				Number of Detected Data	15
1146						Number of Distinct Detected Data	14				Number of Non-Detect Data	80
1147											Percent Non-Detects	84.21%
1148												
1149				Raw Statistics							Log-transformed Statistics	
1150						Minimum Detected	0.00028				Minimum Detected	-8.181
1151						Maximum Detected	6				Maximum Detected	1.792
1152						Mean of Detected	0.544				Mean of Detected	-3.188
1153						SD of Detected	1.548				SD of Detected	2.534
1154						Minimum Non-Detect	0.3				Minimum Non-Detect	-1.204
1155						Maximum Non-Detect	6.8				Maximum Non-Detect	1.917
1156												
1157	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	95
1158	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1159	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1160												
1161							UCL Statistics					
1162				Normal Distribution Test with Detected Values Only							Lognormal Distribution Test with Detected Values Only	
1163						Shapiro Wilk Test Statistic	0.396				Shapiro Wilk Test Statistic	0.976
1164						5% Shapiro Wilk Critical Value	0.881				5% Shapiro Wilk Critical Value	0.881
1165				Data not Normal at 5% Significance Level							Data appear Lognormal at 5% Significance Level	
1166												

1167	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1168				DL/2 Substitution Method							DL/2 Substitution Method	
1169				Mean	0.268						Mean	-1.949
1170				SD	0.695						SD	1.167
1171				95% DL/2 (t) UCL	0.387						95% H-Stat (DL/2) UCL	0.372
1172												
1173				Maximum Likelihood Estimate(MLE) Method	N/A						Log ROS Method	
1174	**MLE method failed to converge properly**										Mean in Log Scale	-3.761
1175											SD in Log Scale	1.748
1176											Mean in Original Scale	0.135
1177											SD in Original Scale	0.629
1178											95% Percentile Bootstrap UCL	0.256
1179											95% BCA Bootstrap UCL	0.353
1180												
1181	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1182				k star (bias corrected)	0.262		**Data appear Lognormal at 5% Significance Level**					
1183				Theta Star	2.079							
1184				nu star	7.853							
1185												
1186				A-D Test Statistic	1.123		**Nonparametric Statistics**					
1187				5% A-D Critical Value	0.847						Kaplan-Meier (KM) Method	
1188				K-S Test Statistic	0.847						Mean	0.138
1189				5% K-S Critical Value	0.241						SD	0.626
1190	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	0.0691
1191											95% KM (t) UCL	0.253
1192	**Assuming Gamma Distribution**										95% KM (z) UCL	0.252
1193				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.25
1194				Minimum	0.00028						95% KM (bootstrap t) UCL	0.504
1195				Maximum	6						95% KM (BCA) UCL	0.258
1196				Mean	0.543						95% KM (Percentile Bootstrap) UCL	0.262
1197				Median	0.587						95% KM (Chebyshev) UCL	0.439
1198				SD	0.615						97.5% KM (Chebyshev) UCL	0.57
1199				k star	1.175						99% KM (Chebyshev) UCL	0.826
1200				Theta star	0.462							
1201				Nu star	223.3		**Potential UCLs to Use**					
1202				AppChi2	189.7						97.5% KM (Chebyshev) UCL	0.57
1203				95% Gamma Approximate UCL	0.639							
1204				95% Adjusted Gamma UCL	0.641							
1205	**Note: DL/2 is not a recommended method.**											
1206												
1207												
1208	**Iron**											
1209							**General Statistics**					
1210				Number of Valid Observations	17						Number of Distinct Observations	17
1211												
1212	**Raw Statistics**						**Log-transformed Statistics**					
1213				Minimum	194						Minimum of Log Data	5.268
1214				Maximum	15000						Maximum of Log Data	9.616
1215				Mean	3013						Mean of log Data	7.521
1216				Median	1600						SD of log Data	0.993
1217				SD	3749							
1218				Coefficient of Variation	1.244							
1219				Skewness	2.548							

1220												
1221	**Relevant UCL Statistics**											
1222	**Normal Distribution Test**						**Lognormal Distribution Test**					
1223				Shapiro Wilk Test Statistic	0.645					Shapiro Wilk Test Statistic	0.941	
1224				Shapiro Wilk Critical Value	0.892					Shapiro Wilk Critical Value	0.892	
1225	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1226												
1227	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1228				95% Student's-t UCL	4601					95% H-UCL	5852	
1229	**95% UCLs (Adjusted for Skewness)**									95% Chebyshev (MVUE) UCL	6270	
1230				95% Adjusted-CLT UCL	5110					97.5% Chebyshev (MVUE) UCL	7726	
1231				95% Modified-t UCL	4695					99% Chebyshev (MVUE) UCL	10586	
1232												
1233	**Gamma Distribution Test**						**Data Distribution**					
1234				k star (bias corrected)	0.995		**Data appear Lognormal at 5% Significance Level**					
1235				Theta Star	3030							
1236				MLE of Mean	3013							
1237				MLE of Standard Deviation	3021							
1238				nu star	33.82							
1239				Approximate Chi Square Value (.05)	21.52		**Nonparametric Statistics**					
1240				Adjusted Level of Significance	0.0346					95% CLT UCL	4509	
1241				Adjusted Chi Square Value	20.49					95% Jackknife UCL	4601	
1242										95% Standard Bootstrap UCL	4469	
1243				Anderson-Darling Test Statistic	0.937					95% Bootstrap-t UCL	7292	
1244				Anderson-Darling 5% Critical Value	0.763					95% Hall's Bootstrap UCL	11369	
1245				Kolmogorov-Smirnov Test Statistic	0.235					95% Percentile Bootstrap UCL	4546	
1246				Kolmogorov-Smirnov 5% Critical Value	0.214					95% BCA Bootstrap UCL	5090	
1247	**Data not Gamma Distributed at 5% Significance Level**									95% Chebyshev(Mean, Sd) UCL	6977	
1248										97.5% Chebyshev(Mean, Sd) UCL	8692	
1249	**Assuming Gamma Distribution**									99% Chebyshev(Mean, Sd) UCL	12061	
1250				95% Approximate Gamma UCL	4735							
1251				95% Adjusted Gamma UCL	4972							
1252												
1253	**Potential UCL to Use**									Use 95% H-UCL	5852	
1254												
1255												
1256	**Lead**											
1257	**General Statistics**											
1258				Number of Valid Data	168					Number of Detected Data	149	
1259				Number of Distinct Detected Data	139					Number of Non-Detect Data	19	
1260										Percent Non-Detects	11.31%	
1261												
1262	**Raw Statistics**						**Log-transformed Statistics**					
1263				Minimum Detected	3.43					Minimum Detected	1.233	
1264				Maximum Detected	1200					Maximum Detected	7.09	
1265				Mean of Detected	196.8					Mean of Detected	4.511	
1266				SD of Detected	236.8					SD of Detected	1.383	
1267				Minimum Non-Detect	8					Minimum Non-Detect	2.079	
1268				Maximum Non-Detect	20					Maximum Non-Detect	2.996	
1269												
1270	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	42	
1271	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	126	
1272	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	25.00%	

1273												
1274	**UCL Statistics**											
1275	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1276					Lilliefors Test Statistic	0.207					Lilliefors Test Statistic	0.0881
1277					5% Lilliefors Critical Value	0.0726					5% Lilliefors Critical Value	0.0726
1278	**Data not Normal at 5% Significance Level**						**Data not Lognormal at 5% Significance Level**					
1279												
1280	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1281					DL/2 Substitution Method						DL/2 Substitution Method	
1282					Mean	175.2					Mean	4.197
1283					SD	231					SD	1.574
1284					95% DL/2 (t) UCL	204.7					95% H-Stat (DL/2) UCL	287.2
1285												
1286					Maximum Likelihood Estimate(MLE) Method						Log ROS Method	
1287					Mean	130.8					Mean in Log Scale	4.23
1288					SD	281.9					SD in Log Scale	1.525
1289					95% MLE (t) UCL	166.7					Mean in Original Scale	175.4
1290					95% MLE (Tiku) UCL	167.4					SD in Original Scale	230.9
1291											95% Percentile Bootstrap UCL	205.9
1292											95% BCA Bootstrap UCL	208
1293												
1294	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1295					k star (bias corrected)	0.762	**Data do not follow a Discernable Distribution (0.05)**					
1296					Theta Star	258.3						
1297					nu star	227						
1298												
1299					A-D Test Statistic	1.237	**Nonparametric Statistics**					
1300					5% A-D Critical Value	0.794					Kaplan-Meier (KM) Method	
1301					K-S Test Statistic	0.794					Mean	175.3
1302					5% K-S Critical Value	0.0798					SD	230.3
1303	**Data not Gamma Distributed at 5% Significance Level**										SE of Mean	17.83
1304											95% KM (t) UCL	204.7
1305	**Assuming Gamma Distribution**										95% KM (z) UCL	204.6
1306					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	204.7
1307					Minimum	1E-09					95% KM (bootstrap t) UCL	209.1
1308					Maximum	1200					95% KM (BCA) UCL	205.2
1309					Mean	174.6					95% KM (Percentile Bootstrap) UCL	204.5
1310					Median	73.6					95% KM (Chebyshev) UCL	253
1311					SD	231.5					97.5% KM (Chebyshev) UCL	286.6
1312					k star	0.209					99% KM (Chebyshev) UCL	352.7
1313					Theta star	835.9						
1314					Nu star	70.16	**Potential UCLs to Use**					
1315					AppChi2	51.88					95% KM (Chebyshev) UCL	253
1316					95% Gamma Approximate UCL	236.1						
1317					95% Adjusted Gamma UCL	236.7						
1318	**Note: DL/2 is not a recommended method.**											
1319												
1320												
1321	**Manganese**											
1322	**General Statistics**											
1323					Number of Valid Observations	17					Number of Distinct Observations	17
1324												
1325	**Raw Statistics**						**Log-transformed Statistics**					

1326					Minimum	3.27					Minimum of Log Data	1.185
1327					Maximum	84					Maximum of Log Data	4.431
1328					Mean	20.22					Mean of log Data	2.675
1329					Median	14.9					SD of log Data	0.837
1330					SD	19.34						
1331					Coefficient of Variation	0.956						
1332					Skewness	2.452						
1333												
1334					**Relevant UCL Statistics**							
1335				**Normal Distribution Test**						**Lognormal Distribution Test**		
1336					Shapiro Wilk Test Statistic	0.742					Shapiro Wilk Test Statistic	0.988
1337					Shapiro Wilk Critical Value	0.892					Shapiro Wilk Critical Value	0.892
1338				**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**		
1339												
1340				**Assuming Normal Distribution**						**Assuming Lognormal Distribution**		
1341					95% Student's-t UCL	28.41					95% H-UCL	34.07
1342				**95% UCLs (Adjusted for Skewness)**							95% Chebyshev (MVUE) UCL	39.2
1343					95% Adjusted-CLT UCL	30.92					97.5% Chebyshev (MVUE) UCL	47.49
1344					95% Modified-t UCL	28.88					99% Chebyshev (MVUE) UCL	63.76
1345												
1346				**Gamma Distribution Test**						**Data Distribution**		
1347					k star (bias corrected)	1.399				**Data appear Gamma Distributed at 5% Significance Level**		
1348					Theta Star	14.45						
1349					MLE of Mean	20.22						
1350					MLE of Standard Deviation	17.1						
1351					nu star	47.58						
1352					Approximate Chi Square Value (.05)	32.75				**Nonparametric Statistics**		
1353					Adjusted Level of Significance	0.0346					95% CLT UCL	27.94
1354					Adjusted Chi Square Value	31.46					95% Jackknife UCL	28.41
1355											95% Standard Bootstrap UCL	27.82
1356					Anderson-Darling Test Statistic	0.269					95% Bootstrap-t UCL	34.22
1357					Anderson-Darling 5% Critical Value	0.754					95% Hall's Bootstrap UCL	62.82
1358					Kolmogorov-Smirnov Test Statistic	0.115					95% Percentile Bootstrap UCL	28.59
1359					Kolmogorov-Smirnov 5% Critical Value	0.213					95% BCA Bootstrap UCL	31.1
1360				**Data appear Gamma Distributed at 5% Significance Level**							95% Chebyshev(Mean, Sd) UCL	40.67
1361											97.5% Chebyshev(Mean, Sd) UCL	49.51
1362				**Assuming Gamma Distribution**							99% Chebyshev(Mean, Sd) UCL	66.89
1363					95% Approximate Gamma UCL	29.38						
1364					95% Adjusted Gamma UCL	30.59						
1365												
1366				**Potential UCL to Use**							Use 95% Approximate Gamma UCL	29.38
1367												
1368												
1369	**Mercury**											
1370					**General Statistics**							
1371					Number of Valid Data	193					Number of Detected Data	133
1372					Number of Distinct Detected Data	118					Number of Non-Detect Data	60
1373											Percent Non-Detects	31.09%
1374												
1375				**Raw Statistics**						**Log-transformed Statistics**		
1376					Minimum Detected	0.0724					Minimum Detected	-2.626
1377					Maximum Detected	142					Maximum Detected	4.956
1378					Mean of Detected	6.333					Mean of Detected	0.726

1379				SD of Detected	16.42					SD of Detected	1.384	
1380				Minimum Non-Detect	0.052					Minimum Non-Detect	-2.957	
1381				Maximum Non-Detect	0.84					Maximum Non-Detect	-0.174	
1382												
1383	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	94	
1384	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	99	
1385	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	48.70%	
1386												
1387	**UCL Statistics**											
1388	**Normal Distribution Test with Detected Values Only**						**Lognormal Distribution Test with Detected Values Only**					
1389				Lilliefors Test Statistic	0.351					Lilliefors Test Statistic	0.0704	
1390				5% Lilliefors Critical Value	0.0768					5% Lilliefors Critical Value	0.0768	
1391	**Data not Normal at 5% Significance Level**						**Data appear Lognormal at 5% Significance Level**					
1392												
1393	**Assuming Normal Distribution**						**Assuming Lognormal Distribution**					
1394				DL/2 Substitution Method						DL/2 Substitution Method		
1395				Mean	4.423					Mean	-0.137	
1396				SD	13.91					SD	1.82	
1397				95% DL/2 (t) UCL	6.078					95% H-Stat (DL/2) UCL	4.651	
1398												
1399				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1400	**MLE yields a negative mean**									Mean in Log Scale	-0.193	
1401										SD in Log Scale	1.821	
1402										Mean in Original Scale	4.404	
1403										SD in Original Scale	13.91	
1404										95% Percentile Bootstrap UCL	6.158	
1405										95% BCA Bootstrap UCL	6.96	
1406												
1407	**Gamma Distribution Test with Detected Values Only**						**Data Distribution Test with Detected Values Only**					
1408				k star (bias corrected)	0.55		**Data appear Lognormal at 5% Significance Level**					
1409				Theta Star	11.51							
1410				nu star	146.4							
1411												
1412				A-D Test Statistic	6.985		**Nonparametric Statistics**					
1413				5% A-D Critical Value	0.814					Kaplan-Meier (KM) Method		
1414				K-S Test Statistic	0.814					Mean	4.405	
1415				5% K-S Critical Value	0.0853					SD	13.88	
1416	**Data not Gamma Distributed at 5% Significance Level**									SE of Mean	1.003	
1417										95% KM (t) UCL	6.062	
1418	**Assuming Gamma Distribution**									95% KM (z) UCL	6.054	
1419				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	6.059	
1420				Minimum	1E-09					95% KM (bootstrap t) UCL	7.488	
1421				Maximum	142					95% KM (BCA) UCL	6.381	
1422				Mean	4.467					95% KM (Percentile Bootstrap) UCL	6.207	
1423				Median	1.01					95% KM (Chebyshev) UCL	8.775	
1424				SD	13.9					97.5% KM (Chebyshev) UCL	10.67	
1425				k star	0.133					99% KM (Chebyshev) UCL	14.38	
1426				Theta star	33.52							
1427				Nu star	51.45		**Potential UCLs to Use**					
1428				AppChi2	35.97					95% KM (Chebyshev) UCL	8.775	
1429				95% Gamma Approximate UCL	6.389							
1430				95% Adjusted Gamma UCL	6.406							
1431	**Note: DL/2 is not a recommended method.**											

1432												
1433												
1434	**Naphthalene**											
1435					**General Statistics**							
1436					Number of Valid Data	94				Number of Detected Data	15	
1437					Number of Distinct Detected Data	15				Number of Non-Detect Data	79	
1438										Percent Non-Detects	84.04%	
1439												
1440				**Raw Statistics**					**Log-transformed Statistics**			
1441				Minimum Detected	0.0004				Minimum Detected	-7.824		
1442				Maximum Detected	0.47				Maximum Detected	-0.755		
1443				Mean of Detected	0.101				Mean of Detected	-4.132		
1444				SD of Detected	0.167				SD of Detected	2.288		
1445				Minimum Non-Detect	0.3				Minimum Non-Detect	-1.204		
1446				Maximum Non-Detect	6.8				Maximum Non-Detect	1.917		
1447												
1448	Note: Data have multiple DLs - Use of KM Method is recommended								Number treated as Non-Detect	94		
1449	For all methods (except KM, DL/2, and ROS Methods),								Number treated as Detected	0		
1450	Observations < Largest ND are treated as NDs								Single DL Non-Detect Percentage	100.00%		
1451												
1452					**UCL Statistics**							
1453				**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**			
1454				Shapiro Wilk Test Statistic	0.639				Shapiro Wilk Test Statistic	0.948		
1455				5% Shapiro Wilk Critical Value	0.881				5% Shapiro Wilk Critical Value	0.881		
1456				**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**			
1457												
1458				**Assuming Normal Distribution**					**Assuming Lognormal Distribution**			
1459				DL/2 Substitution Method					DL/2 Substitution Method			
1460				Mean	0.199				Mean	-2.102		
1461				SD	0.344				SD	1.302		
1462				95% DL/2 (t) UCL	0.258				95% H-Stat (DL/2) UCL	0.402		
1463												
1464				Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method			
1465				**MLE method failed to converge properly**					Mean in Log Scale	-4.847		
1466									SD in Log Scale	1.55		
1467									Mean in Original Scale	0.0288		
1468									SD in Original Scale	0.0743		
1469									95% Percentile Bootstrap UCL	0.0427		
1470									95% BCA Bootstrap UCL	0.0461		
1471												
1472				**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**			
1473				k star (bias corrected)	0.335				**Data appear Gamma Distributed at 5% Significance Level**			
1474				Theta Star	0.303							
1475				nu star	10.04							
1476												
1477				A-D Test Statistic	0.711				**Nonparametric Statistics**			
1478				5% A-D Critical Value	0.822				Kaplan-Meier (KM) Method			
1479				K-S Test Statistic	0.822				Mean	0.0357		
1480				5% K-S Critical Value	0.238				SD	0.078		
1481				**Data appear Gamma Distributed at 5% Significance Level**					SE of Mean	0.0122		
1482									95% KM (t) UCL	0.0559		
1483				**Assuming Gamma Distribution**					95% KM (z) UCL	0.0557		
1484				Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	0.0563		

1485					Minimum	0.0004				95% KM (bootstrap t) UCL		0.0663
1486					Maximum	0.47				95% KM (BCA) UCL		0.0557
1487					Mean	0.101				95% KM (Percentile Bootstrap) UCL		0.0575
1488					Median	0.0933				95% KM (Chebyshev) UCL		0.0887
1489					SD	0.0671				97.5% KM (Chebyshev) UCL		0.112
1490					k star	1.724				99% KM (Chebyshev) UCL		0.157
1491					Theta star	0.0586						
1492					Nu star	324.1				**Potential UCLs to Use**		
1493					AppChi2	283.4				95% KM (t) UCL		0.0559
1494					95% Gamma Approximate UCL	0.115						
1495					95% Adjusted Gamma UCL	0.116						
1496	**Note: DL/2 is not a recommended method.**											
1497												
1498												
1499	**n-Butylbenzene**											
1500						**General Statistics**						
1501					Number of Valid Data	81				Number of Detected Data		6
1502					Number of Distinct Detected Data	6				Number of Non-Detect Data		75
1503										Percent Non-Detects		92.59%
1504												
1505					**Raw Statistics**					**Log-transformed Statistics**		
1506					Minimum Detected	0.08				Minimum Detected		-2.526
1507					Maximum Detected	4.3				Maximum Detected		1.459
1508					Mean of Detected	0.907				Mean of Detected		-1.108
1509					SD of Detected	1.667				SD of Detected		1.373
1510					Minimum Non-Detect	0.00009				Minimum Non-Detect		-9.316
1511					Maximum Non-Detect	0.07				Maximum Non-Detect		-2.659
1512												
1513	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		75
1514	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		6
1515	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		92.59%
1516												
1517	**Warning: There are only 6 Detected Values in this data**											
1518	**Note: It should be noted that even though bootstrap may be performed on this data set**											
1519	**the resulting calculations may not be reliable enough to draw conclusions**											
1520												
1521	**It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.**											
1522												
1523												
1524						**UCL Statistics**							
1525					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
1526					Shapiro Wilk Test Statistic	0.561				Shapiro Wilk Test Statistic		0.854
1527					5% Shapiro Wilk Critical Value	0.788				5% Shapiro Wilk Critical Value		0.788
1528					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
1529												
1530					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
1531					DL/2 Substitution Method					DL/2 Substitution Method		
1532					Mean	0.09				Mean		-4.092
1533					SD	0.477				SD		2.174
1534					95% DL/2 (t) UCL	0.178				95% H-Stat (DL/2) UCL		0.377
1535												
1536					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1537					**MLE yields a negative mean**					Mean in Log Scale		-9.447

1538											SD in Log Scale	4.135
1539											Mean in Original Scale	0.0686
1540											SD in Original Scale	0.48
1541											95% Percentile Bootstrap UCL	0.174
1542											95% BCA Bootstrap UCL	0.246
1543												
1544				Gamma Distribution Test with Detected Values Only							Data Distribution Test with Detected Values Only	
1545						k star (bias corrected)	0.416				Data appear Lognormal at 5% Significance Level	
1546						Theta Star	2.179					
1547						nu star	4.994					
1548												
1549						A-D Test Statistic	0.888				Nonparametric Statistics	
1550						5% A-D Critical Value	0.729				Kaplan-Meier (KM) Method	
1551						K-S Test Statistic	0.729				Mean	0.141
1552						5% K-S Critical Value	0.346				SD	0.467
1553				Data not Gamma Distributed at 5% Significance Level							SE of Mean	0.0569
1554											95% KM (t) UCL	0.236
1555				Assuming Gamma Distribution							95% KM (z) UCL	0.235
1556				Gamma ROS Statistics using Extrapolated Data							95% KM (jackknife) UCL	0.227
1557						Minimum	1E-09				95% KM (bootstrap t) UCL	0.959
1558						Maximum	4.3				95% KM (BCA) UCL	0.355
1559						Mean	1.108				95% KM (Percentile Bootstrap) UCL	0.338
1560						Median	0.6				95% KM (Chebyshev) UCL	0.389
1561						SD	1.267				97.5% KM (Chebyshev) UCL	0.496
1562						k star	0.147				99% KM (Chebyshev) UCL	0.707
1563						Theta star	7.529					
1564						Nu star	23.84				Potential UCLs to Use	
1565						AppChi2	13.73				95% KM (BCA) UCL	0.355
1566						95% Gamma Approximate UCL	1.924					
1567						95% Adjusted Gamma UCL	1.944					
1568	Note: DL/2 is not a recommended method.											
1569												
1570												
1571	Tetrachloroethene											
1572							General Statistics					
1573						Number of Valid Data	89				Number of Detected Data	3
1574						Number of Distinct Detected Data	3				Number of Non-Detect Data	86
1575											Percent Non-Detects	96.63%
1576												
1577				Raw Statistics							Log-transformed Statistics	
1578						Minimum Detected	0.00057				Minimum Detected	-7.47
1579						Maximum Detected	0.06				Maximum Detected	-2.814
1580						Mean of Detected	0.0215				Mean of Detected	-5.268
1581						SD of Detected	0.0334				SD of Detected	2.338
1582						Minimum Non-Detect	0.00013				Minimum Non-Detect	-8.948
1583						Maximum Non-Detect	0.29				Maximum Non-Detect	-1.238
1584												
1585	Note: Data have multiple DLs - Use of KM Method is recommended										Number treated as Non-Detect	89
1586	For all methods (except KM, DL/2, and ROS Methods),										Number treated as Detected	0
1587	Observations < Largest ND are treated as NDs										Single DL Non-Detect Percentage	100.00%
1588												
1589	Warning: There are only 3 Distinct Detected Values in this data set											
1590	The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.											

1591	Those methods will return a 'N/A' value on your output display!											
1592												
1593	It is necessary to have 4 or more Distinct Values for bootstrap methods.											
1594	However, results obtained using 4 to 9 distinct values may not be reliable.											
1595	It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.											
1596												
1597												
1598	UCL Statistics											
1599	Normal Distribution Test with Detected Values Only						Lognormal Distribution Test with Detected Values Only					
1600				Shapiro Wilk Test Statistic	0.793					Shapiro Wilk Test Statistic	0.991	
1601				5% Shapiro Wilk Critical Value	0.767					5% Shapiro Wilk Critical Value	0.767	
1602	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level					
1603												
1604	Assuming Normal Distribution						Assuming Lognormal Distribution					
1605				DL/2 Substitution Method						DL/2 Substitution Method		
1606				Mean	0.0263					Mean	-4.255	
1607				SD	0.02					SD	1.808	
1608				95% DL/2 (t) UCL	0.0298					95% H-Stat (DL/2) UCL	0.138	
1609												
1610				Maximum Likelihood Estimate(MLE) Method	N/A					Log ROS Method		
1611	MLE method failed to converge properly									Mean in Log Scale	-10.3	
1612										SD in Log Scale	2.635	
1613										Mean in Original Scale	0.00108	
1614										SD in Original Scale	0.00642	
1615										95% Percentile Bootstrap UCL	0.00235	
1616										95% BCA Bootstrap UCL	0.00339	
1617												
1618	Gamma Distribution Test with Detected Values Only						Data Distribution Test with Detected Values Only					
1619				k star (bias corrected)	N/A		Data appear Normal at 5% Significance Level					
1620				Theta Star	N/A							
1621				nu star	N/A							
1622												
1623				A-D Test Statistic	N/A		Nonparametric Statistics					
1624				5% A-D Critical Value	N/A					Kaplan-Meier (KM) Method		
1625				K-S Test Statistic	N/A					Mean	0.00162	
1626				5% K-S Critical Value	N/A					SD	0.00649	
1627	Data not Gamma Distributed at 5% Significance Level									SE of Mean	0.0009424	
1628										95% KM (t) UCL	0.00318	
1629	Assuming Gamma Distribution									95% KM (z) UCL	0.00317	
1630				Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	0.00383	
1631				Minimum	N/A					95% KM (bootstrap t) UCL	0.00275	
1632				Maximum	N/A					95% KM (BCA) UCL	0.06	
1633				Mean	N/A					95% KM (Percentile Bootstrap) UCL	0.06	
1634				Median	N/A					95% KM (Chebyshev) UCL	0.00572	
1635				SD	N/A					97.5% KM (Chebyshev) UCL	0.0075	
1636				k star	N/A					99% KM (Chebyshev) UCL	0.011	
1637				Theta star	N/A							
1638				Nu star	N/A		Potential UCLs to Use					
1639				AppChi2	N/A					95% KM (t) UCL	0.00318	
1640				95% Gamma Approximate UCL	N/A					95% KM (Percentile Bootstrap) UCL	0.06	
1641				95% Adjusted Gamma UCL	N/A							
1642	Note: DL/2 is not a recommended method.											
1643												

1644												
1645	Vanadium											
1646					General Statistics							
1647					Number of Valid Data	21				Number of Detected Data	15	
1648					Number of Distinct Detected Data	15				Number of Non-Detect Data	6	
1649										Percent Non-Detects	28.57%	
1650												
1651					Raw Statistics					Log-transformed Statistics		
1652					Minimum Detected	0.56				Minimum Detected	-0.58	
1653					Maximum Detected	13				Maximum Detected	2.565	
1654					Mean of Detected	5.681				Mean of Detected	1.498	
1655					SD of Detected	3.755				SD of Detected	0.791	
1656					Minimum Non-Detect	3				Minimum Non-Detect	1.099	
1657					Maximum Non-Detect	11				Maximum Non-Detect	2.398	
1658												
1659	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect	19	
1660	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected	2	
1661	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage	90.48%	
1662												
1663					UCL Statistics							
1664					Normal Distribution Test with Detected Values Only					Lognormal Distribution Test with Detected Values Only		
1665					Shapiro Wilk Test Statistic	0.874				Shapiro Wilk Test Statistic	0.893	
1666					5% Shapiro Wilk Critical Value	0.881				5% Shapiro Wilk Critical Value	0.881	
1667					Data not Normal at 5% Significance Level					Data appear Lognormal at 5% Significance Level		
1668												
1669					Assuming Normal Distribution					Assuming Lognormal Distribution		
1670					DL/2 Substitution Method					DL/2 Substitution Method		
1671					Mean	5.13				Mean	1.409	
1672					SD	3.393				SD	0.744	
1673					95% DL/2 (t) UCL	6.407				95% H-Stat (DL/2) UCL	6.57	
1674												
1675					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1676					MLE method failed to converge properly					Mean in Log Scale	1.336	
1677										SD in Log Scale	0.743	
1678										Mean in Original Scale	4.837	
1679										SD in Original Scale	3.473	
1680										95% Percentile Bootstrap UCL	6.086	
1681										95% BCA Bootstrap UCL	6.287	
1682												
1683					Gamma Distribution Test with Detected Values Only					Data Distribution Test with Detected Values Only		
1684					k star (bias corrected)	1.841				Data appear Gamma Distributed at 5% Significance Level		
1685					Theta Star	3.085						
1686					nu star	55.24						
1687												
1688					A-D Test Statistic	0.539				Nonparametric Statistics		
1689					5% A-D Critical Value	0.746				Kaplan-Meier (KM) Method		
1690					K-S Test Statistic	0.746				Mean	4.961	
1691					5% K-S Critical Value	0.224				SD	3.452	
1692					Data appear Gamma Distributed at 5% Significance Level					SE of Mean	0.821	
1693										95% KM (t) UCL	6.377	
1694					Assuming Gamma Distribution					95% KM (z) UCL	6.312	
1695					Gamma ROS Statistics using Extrapolated Data					95% KM (jackknife) UCL	6.387	
1696					Minimum	0.56				95% KM (bootstrap t) UCL	6.765	

	A	B	C	D	E	F	G	H	I	J	K	L
1697					Maximum	13				95% KM (BCA) UCL		6.291
1698					Mean	5.513				95% KM (Percentile Bootstrap) UCL		6.4
1699					Median	4.46				95% KM (Chebyshev) UCL		8.541
1700					SD	3.298				97.5% KM (Chebyshev) UCL		10.09
1701					k star	2.393				99% KM (Chebyshev) UCL		13.13
1702					Theta star	2.304						
1703					Nu star	100.5				**Potential UCLs to Use**		
1704					AppChi2	78.37				95% KM (Percentile Bootstrap) UCL		6.4
1705				95% Gamma Approximate UCL		7.07						
1706				95% Adjusted Gamma UCL		7.208						
1707	**Note: DL/2 is not a recommended method.**											
1708												
1709												
1710	**Zinc**											
1711						**General Statistics**						
1712					Number of Valid Data	21				Number of Detected Data		19
1713					Number of Distinct Detected Data	19				Number of Non-Detect Data		2
1714										Percent Non-Detects		9.52%
1715												
1716					**Raw Statistics**					**Log-transformed Statistics**		
1717					Minimum Detected	0.95				Minimum Detected		-0.0513
1718					Maximum Detected	3960				Maximum Detected		8.284
1719					Mean of Detected	252.9				Mean of Detected		2.846
1720					SD of Detected	904.9				SD of Detected		1.988
1721					Minimum Non-Detect	6				Minimum Non-Detect		1.792
1722					Maximum Non-Detect	7				Maximum Non-Detect		1.946
1723												
1724	Note: Data have multiple DLs - Use of KM Method is recommended									Number treated as Non-Detect		10
1725	For all methods (except KM, DL/2, and ROS Methods),									Number treated as Detected		11
1726	Observations < Largest ND are treated as NDs									Single DL Non-Detect Percentage		47.62%
1727												
1728						**UCL Statistics**						
1729					**Normal Distribution Test with Detected Values Only**					**Lognormal Distribution Test with Detected Values Only**		
1730					Shapiro Wilk Test Statistic	0.302				Shapiro Wilk Test Statistic		0.905
1731					5% Shapiro Wilk Critical Value	0.901				5% Shapiro Wilk Critical Value		0.901
1732					**Data not Normal at 5% Significance Level**					**Data appear Lognormal at 5% Significance Level**		
1733												
1734					**Assuming Normal Distribution**					**Assuming Lognormal Distribution**		
1735					DL/2 Substitution Method					DL/2 Substitution Method		
1736					Mean	229.2				Mean		2.687
1737					SD	861.8				SD		1.952
1738					95% DL/2 (t) UCL	553.5				95% H-Stat (DL/2) UCL		378.9
1739												
1740					Maximum Likelihood Estimate(MLE) Method	N/A				Log ROS Method		
1741					**MLE yields a negative mean**					Mean in Log Scale		2.671
1742										SD in Log Scale		1.966
1743										Mean in Original Scale		229.1
1744										SD in Original Scale		861.8
1745										95% Percentile Bootstrap UCL		598.8
1746										95% BCA Bootstrap UCL		807.5
1747												
1748					**Gamma Distribution Test with Detected Values Only**					**Data Distribution Test with Detected Values Only**		
1749					k star (bias corrected)	0.256				**Data appear Lognormal at 5% Significance Level**		

1750					Theta Star	988.3						
1751					nu star	9.726						
1752												
1753					A-D Test Statistic	2.813				Nonparametric Statistics		
1754					5% A-D Critical Value	0.86					Kaplan-Meier (KM) Method	
1755					K-S Test Statistic	0.86					Mean	229.2
1756					5% K-S Critical Value	0.217					SD	841
1757			Data not Gamma Distributed at 5% Significance Level								SE of Mean	188.5
1758											95% KM (t) UCL	554.4
1759			Assuming Gamma Distribution								95% KM (z) UCL	539.3
1760					Gamma ROS Statistics using Extrapolated Data						95% KM (jackknife) UCL	553.5
1761					Minimum	1E-09					95% KM (bootstrap t) UCL	9836
1762					Maximum	3960					95% KM (BCA) UCL	603.4
1763					Mean	228.9					95% KM (Percentile Bootstrap) UCL	585.1
1764					Median	7.3					95% KM (Chebyshev) UCL	1051
1765					SD	861.8					97.5% KM (Chebyshev) UCL	1407
1766					k star	0.167					99% KM (Chebyshev) UCL	2105
1767					Theta star	1370						
1768					Nu star	7.017				Potential UCLs to Use		
1769					AppChi2	2.18					99% KM (Chebyshev) UCL	2105
1770					95% Gamma Approximate UCL	736.7						
1771					95% Adjusted Gamma UCL	811.6						
1772	Note: DL/2 is not a recommended method.											
1773												
1774												

EPS

APPENDIX G

UNCERTAINTY ASSESSMENT – AROCLOR 1268 TOXICITY

Appendix G
Toxicity Assessment of Aroclor 1268

Aroclor 1268 Uncertainty Analysis

The IRIS database does not contain an oral cancer slope factor (CSFo) or an oral reference dose (RfD) specific to Aroclor 1268. Therefore, as a conservative measure, the EPA and GaEPD required the use of Aroclor 1254 toxicity values (the most toxic form of Aroclor) as a surrogate for Aroclor 1268 (also for Aroclor 1248 and Aroclor 1260) in the HHBRA. It is feasible, based on current peer-reviewed literature, that this approach of applying toxicity values not specific to Aroclor 1268 in this assessment presents an element of uncertainty, specifically an overestimate of perceived risk.

Acknowledging IRIS does not contain toxicity values specific to Aroclor 1268, this appendix provides a review of current literature peer-review literature specific to Aroclor 1268 toxicity. It is understood that the Aroclor 1268 toxicity values from the peer-reviewed literature have not been evaluated by EPA's IRIS assessment review and are not established Provisional Peer Reviewed Toxicity Values.

Literature Results

Literature values for Aroclor 1268 are available in the peer-reviewed literature based on Modes of Action (MOAs) and congener composition. These values are presented herein and used to derive a set of risk characterization results as a point of reference with regard to the current scientific opinion of Aroclor 1268 toxicity.

Comparison of Aroclor (PCB Congener) Metabolism and Persistence

Prior to evaluating the relative toxicity of Aroclors as determined by an evaluation of the Aroclor's congeners MOAs, the relative congener composition and persistence of specific congeners is required.

Data for metabolism and persistence of PCB congeners were obtained from Park et al. (2007) who examined the serum PCB concentrations in 87 human volunteers. The most abundant congener in human serum is PCB153, which had an average concentration of 39.2 ng/g-lipid and comprised 22.6% of the total serum PCB concentration. Table 1 shows the lipid-normalized concentrations of all PCB congeners detected in the serum along with the distribution. The last column in Table 1 labeled "Relative Persistence" is the ratio between the serum concentration of each congener and that of PCB153. The derived ratio is a

measure of the bio-persistence of each congener in the body relative to PCB153. These values are analogous to the familiar "TEF" scheme for the dioxin-like properties of PCBs.

It is noted that the recent study of Park et al. (2007) is consistent with the only other quantification of PCB congeners in human tissue. In the 1990s, bioaccumulation and metabolism of PCBs was quantified based on examination of tissue concentrations in relatively lightly exposed capacitor workers versus heavily exposed Yusho and Yucheng patients (Brown et al., 1989; Lawton et al., 1985). A comparison of relative bio-persistence from these studies appears to predict quite well the observed relative serum concentrations in Park et al. (2007) supporting the relative persistence model. The relative persistence model is used to examine and compare the toxicity of the Aroclor mixtures' MOA.

PCB Mode of Action

The relative toxicity of the three Aroclors was evaluated by comparison of MOA of each persistent congener from the three Aroclors. To examine the potential similarities between the three Aroclors, three MOAs were considered:

- a dioxin-like MOA characterized by binding to the aryl hydrocarbon receptor and quantified by dioxin TEQs (Van den Berg et al., 2006);
- an MOA based on binding to the ryanodine receptor and consequent interference with cellular calcium homeostasis (Pessah et al., 2006; Simon et al., 2007; and
- an MOA based on binding to trans-thyretin, a plasma thyroid binding protein, and subsequent increase metabolism of thyroxin (Chauhan et al., 2000).

For each MOA, the value of the relative potency of each congener was multiplied by the relative persistence of that congener and the congener concentration in Aroclor 1016, Aroclor 1254 and Aroclor 1268. The congener composition of Aroclor 1016 was obtained as the average percentage from Anderson (1991) and Frame et al. (1996). The congener composition of Aroclor 1254 was obtained as the average percentage from Anderson (1991), Frame et al. (1996) and Kodavanti et al. (2001). The congener composition of Aroclor 1268 was obtained from Anderson (1991). Detailed Aroclor compositions are shown in Table 2.

A summary of congener composition relative to this Addendum is shown in Table 3 for all congeners that persist in the body based on Park et al. (2007) and comprise greater than 0.5% of any of the three Aroclor mixtures. In addition, the dioxin-like congeners PCB77, PCB81, PCB105, PCB114, PCB118, PCB123,

PCB126, PCB156, PCB157, PCB167, PCB169 and PCB189 were included even if they were not persistent or were at very low percent composition values in the Aroclor mixtures.

For each mixture, the sum of these values represented the potential for the particular Aroclor mixture to produce toxicity specific to each MOA. The bottom row of Table 3 shows the amount of each bio-persistent equivalent value in the mixture. As can be seen, Aroclor 1254 has more of each type of bio-persistent equivalent:

- Aroclor 1254 contains at least two orders of magnitude more bio-persistent dioxin TEQ than either Aroclor 1016 or Aroclor 1268;
- Aroclor 1254 contains about one order of magnitude more bio-persistent Ca^{2+} neurotoxic equivalents than Aroclor 1016 and about two orders of magnitude more than Aroclor 1268; and
- Aroclor 1254 contains two orders of magnitude more bio-persistent thyroid hormone equivalents than Aroclor 1016 and four orders of magnitude more than Aroclor 1268.

The result of this persistence and metabolism comparison for the MOAs indicates Aroclor 1268 exhibits less toxicity equivalents than Aroclor 1016 or Aroclor 1254.

Alternative Toxicity Values for Aroclor 1268 (Tier III Values)

On IRIS, the values for the cancer slope factor for PCB mixtures and reference doses are limited to Aroclor 1016 and Aroclor 1254 only. There is available in the peer-reviewed literature both a cancer slope factor value and a reference dose for Aroclor 1268. The peer-reviewed literature would be identified as Tier III in USEPA's hierarchy of toxicity values, OSWER Directive 9285.7-53 (USEPA, 2003).

As stated in OSWER Directive 9285.7-53, priority should be given to sources that provide toxicity information based on similar methods and procedures as those used for Tier I and Tier II, contain values which are peer reviewed, are available to the public, and are transparent about the methods and processes used to develop the values. US EPA Region 4 personnel have requested that the IRIS values be used for the HHBRA and agreed that alternate values could be considered as part of the uncertainty analysis in this Addendum.

The peer-reviewed articles in Regulatory Toxicology and Pharmacology on Aroclor 1268 fulfill these requirements (Warren et al., 2004; Simon et al., 2007).

Therefore, as part of the uncertainty calculations, these literature values are used to calculate an alternative risk level for each quadrant in OU3.

Aroclor 1268 Cancer Slope Factor

The current PCB carcinogenicity assessment is based on dose-response cancer bioassays of Aroclor mixtures performed in rodents in 1996. US EPA used these studies to develop cancers slope factors (USEPA, 1996). Two slope factors were derived – one for high risk and persistence mixtures and the other for low risk and persistence mixtures. The values are 2.0 per mg/kg-day and 0.4 per mg/kg-day respectively. IRIS recommends using the high risk and persistence value for soil contact risk assessment.

The original bioassay on which the set of PCB slope factors presented in IRIS was based indicates that the PCB mixtures were contaminated with polychlorinated dibenzodioxins and polychlorinated dibenzofurans (PCDD/Fs) that also cause hepatocellular carcinoma and hepatocellular adenoma in rats (Mayes et al., 1998). Hence, the slope factors on IRIS for PCBs are incorrect – the fact that the bioassays contained additional dioxin-like chemicals other than the dioxin-like PCBs, and the fact that dioxin-like chemicals cause liver tumors in female Sprague-Dawley rats used in the bioassay make it impossible to determine whether the tumors were caused by dioxin-like PCBs, the other dioxin-like chemicals or the non-dioxin-like PCBs. Therefore, these cancer slope factors may be conservative for use with Aroclor 1268.

Also, note that Aroclor 1268 was not used in the bioassay (Mayes et al., 1998). Warren et al. (2004) used a careful analysis of Aroclor mixture composition to make sense of this confusing picture and recommend a value of 0.27 per mg/kg-day as the cancer slope factor for Aroclor 1268. This value is based on both an Aryl hydrocarbon receptor (AhR) dependent MOA and a non-AhR-dependent MOA. In addition, the value of 0.27 per mg/kg-day was estimated from the Mayes et al. (1998) bioassay data on other Aroclor mixtures.

Given the uncertainty, both scientific and policy, surrounding the carcinogenicity of dioxin-like chemicals, this value of a slope factor for Aroclor 1268 and its basis seem a reasonable choice (NAS, 2006b). In addition, this choice follows the hierarchy of toxicity criteria (USEPA, 2003).

Regarding the dioxin-like properties of some PCB congeners, two points should be made: first, the amounts of these dioxin-like congeners in Aroclor 1268 are much lower than in other Aroclor mixtures; second, the uncertainty surrounding the cancer slope factor for PCBs has been increased by recent analyses of the NTP bioassays for PCB mixtures when compared to the original bioassay of

Aroclor mixtures (Mayes et al., 1998; Gray et al., 2006; NTP, 2006a, 2006b, 2006c; Walker et al. 2005). It is also worth noting that at present, US EPA has reached no consensus on recommended toxicity criteria for dioxin-like chemicals (NTP, 2006b).

Aroclor 1268 Reference Dose

A reference dose value appropriate to Aroclor 1268 was determined by adjusting to the congener composition. This adjustment was based on the binding of PCBs to the ryanodine receptor and a neurotoxic equivalence scheme for PCB congeners similar to the well-known TEF scheme for dioxin-like chemicals was developed (Simon et al., 2007). The reference dose values for Aroclor 1268 ranged from $4x10^{-4}$ to $1x10^{-3}$ mg/kg-day. Adjusting using GI absorption to obtain a dermal reference dose, the resulting value is $3.5x10^{-4}$ mg/kg-day.

Summary

The data and information available from the peer-reviewed literature indicates the relative toxicity of Aroclor 1268 is less than that of the surrogate values applied in the HHBRA. The persistence and metabolism comparison for the MOAs indicates Aroclor 1268 exhibits less toxicity equivalents than Aroclor 1016 or Aroclor 1254, and the toxicity values from the peer-reviewed literature also indicate a lower concern. As such, the calculated risk and hazard for Aroclor 1268 in the HHBRA is considered a point of uncertainty.

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Table 1
Metabolism and Persistence of Various PCB Congeners Based on Park et al. (2007). [Only congeners detected in serum are shown]

IUPAC Name	Structure	Serum Conc. (ng/g lipid)	Distribution	Relative Persistence
11	3,3'-	0.35	0.16%	0.007
15	4,4'-	0.32	0.18%	0.008
16	2,2',3-	0.26	0.14%	0.006
17	2,2',4-	0.2	0.11%	0.005
18	2,2',5-	0.41	0.24%	0.011
22	2,3,4'-	0.23	0.17%	0.008
28	2,4,4'-	1.88	1.01%	0.045
31	2,4',5-	0.61	0.35%	0.015
32	2,4',6-	0.23	0.12%	0.005
33	2',3,4-	0.4	0.27%	0.012
37	3,4,4'-	0.23	0.26%	0.012
41	2,2',3,4-	0.16	0.15%	0.007
43	2,2',3,5-	0.14	0.10%	0.004
44	2,2',3,5'-	0.38	0.33%	0.015
47	2,2',4,4'-	0.3	0.17%	0.008
49	2,2',4,5'-	0.13	0.10%	0.004
52	2,2',5,5'-	0.33	0.22%	0.010
56	2,3,3',4'-	0.1	0.11%	0.005
59	2,3,3',6-	0.16	0.14%	0.006
60	2,3,4,4'-	0.31	0.35%	0.015
61	2,3,4,5-	0.83	0.46%	0.020
64	2,3,4',6-	0.27	0.26%	0.012
66	2,3',4,4'-	0.88	0.68%	0.030
70	2,3',4',5-	0.2	0.31%	0.014
72	2,3',5,5'-	0.33	0.22%	0.010
74	2,4,4',5-	2.73	1.52%	0.067
76	2',3,4,5-	0.08	0.12%	0.005
85	2,2',3,4,4'-	0.17	0.13%	0.006
87	2,2',3,4,5'-	0.32	0.22%	0.010
90	2,2',3,4',5-	0.22	0.16%	0.007
92	2,2',3,5,5'-	0.25	0.16%	0.007
95	2,2',3,5',6-	0.47	0.37%	0.016
99	2,2',4,4',5-	4.78	2.37%	0.105
101	2,2',4,5,5'-	0.87	0.60%	0.027
105	2,3,3',4,4'-	1.65	0.88%	0.039
108	2,3,3',4,5'-	0.32	0.17%	0.008
110	2,3,3',4',6-	0.4	0.41%	0.018
114	2,3,4,4',5-	0.4	0.21%	0.009
115	2,3,4,4',6-	0.21	0.14%	0.006
118	2,3',4,4',5-	7.61	3.94%	0.174
128	2,2',3,3',4,4'-	0.32	0.21%	0.009

IUPAC Name	Structure	Serum Conc. (ng/g lipid)	Distribution	Relative Persistence
130	2,2',3,3',4,5'-	1.79	0.97%	0.043
135	2,2',3,3',5,6'-	0.19	0.12%	0.005
137	2,2',3,4,4',5-	1.32	0.67%	0.030
138	2,2',3,4,4',5'-	13.4	7.00%	0.310
141	2,2',3,4,5,5'-	0.21	0.15%	0.007
146	2,2',3,4',5,5'-	5.13	2.85%	0.126
149	2,2',3,4',5',6-	0.56	0.50%	0.022
151	2,2',3,5,5',6-	0.38	0.21%	0.009
153	2,2',4,4',5,5'-	39.21	22.60%	1.000
156	2,3,3',4,4',5-	2.45	1.33%	0.059
157	2,3,3',4,4',5'-	0.73	0.41%	0.018
158	2,3,3',4,4',6-	0.44	0.23%	0.010
163	2,3,3',4',5,6-	13.33	7.00%	0.310
167	2,3',4,4',5,5'-	1.09	0.57%	0.025
168	2,3',4,4',5',6-	0.21	0.15%	0.007
170	2,2',3,3',4,4',5-	5.07	2.88%	0.127
171	2,2',3,3',4,4',6-	0.71	0.40%	0.018
172	2,2',3,3',4,5,5'-	1.26	0.74%	0.033
174	2,2',3,3',4,5,6'-	0.21	0.14%	0.006
177	2,2',3,3',4',5,6-	1.77	0.98%	0.043
178	2,2',3,3',5,5',6,-	1.63	0.92%	0.041
180	2,2',3,4,4',5,5'-	18.97	11.70%	0.518
183	2,2',3,4,4',5',6-	2.31	1.41%	0.062
187	2,2',3,4',5,5',6-	8.82	5.07%	0.224
189	2,3,3',4,4',5,5'-	0.29	0.16%	0.007
190	2,3,3',4,4',5,6-	1.16	0.66%	0.029
191	2,3,3',4,4',5',6-	0.25	0.15%	0.007
193	2,3,3',4',5,5',6-	1.06	0.64%	0.028
194	2,2',3,3',4,4',5,5'-	3.15	2.14%	0.095
195	2,2',3,3',4,4',5,6-	0.51	0.39%	0.017
196	2,2',3,3',4,4',5,6'-	1.05	0.73%	0.032
200	2,2',3,3',4,5,6,6'-	0.19	0.11%	0.005
201	2,2',3,3',4,5',6,6'-	3.11	2.07%	0.092
202	2,2',3,3',5,5',6,6'-	0.84	0.54%	0.024
203	2,2',3,4,4',5,5',6-	1.59	1.12%	0.050
206	2,2',3,3',4,4',5,5',6-	1.09	0.65%	0.029
207	2,2',3,3',4,4',5,6,6'-	0.19	0.10%	0.004
208	2,2',3,3',4,5,5',6,6'-	0.31	0.18%	0.008
209	2,2',3,3',4,4',5,5',6,6'-	0.84	0.45%	0.020

Table 2
Composition of the Aroclor 1016, 1254 and 1268 Mixtures

IUPAC Name	Structure	Composition		
		Aroclor 1016	Aroclor 1254	Aroclor 1268
1	2-	0.73%	0.00%	0.00%
2	3-	0.01%	0.00%	0.00%
3	4-	0.26%	0.00%	0.00%
4	2,2'-	1.91%	0.03%	0.00%
5	2,3-	3.26%	0.02%	0.00%
6	2,3'-	1.07%	0.01%	0.00%
7	2,4-	1.14%	0.00%	0.00%
8	2,4'-	1.59%	0.14%	0.00%
9	2,5-	4.47%	0.00%	0.00%
10	2,6-	2.09%	0.03%	0.00%
11	3,3'-	0.06%	0.00%	0.00%
12	3,4-	0.16%	0.00%	0.00%
13	3,4'-	0.25%	0.00%	0.00%
14	3,5-	0.00%	0.00%	0.00%
15	4,4'-	2.46%	0.01%	0.00%
16	2,2',3-	1.39%	0.01%	0.00%
17	2,2',4-	5.51%	0.14%	0.00%
18	2,2',5-	3.45%	0.17%	0.00%
19	2,2',6-	0.59%	0.00%	0.00%
20	2,3,3'-	3.48%	0.04%	0.00%
21	2,3,4-	1.99%	0.00%	0.00%
22	2,3,4'-	7.95%	0.02%	0.00%
23	2,3,5-	0.50%	0.00%	0.00%
24	2,3,6-	0.29%	0.00%	0.00%
25	2,3',4-	1.09%	0.00%	0.00%
26	2,3',5-	1.21%	0.01%	0.00%
27	2,3',6-	4.95%	0.00%	0.00%
28	2,4,4'-	5.57%	0.22%	0.00%
29	2,4,5-	0.15%	0.00%	0.00%
30	2,4,6-	1.19%	0.00%	0.00%
31	2,4',5-	2.70%	0.23%	0.00%
32	2,4',6-	4.24%	0.01%	0.00%
33	2',3,4-	1.90%	0.21%	0.00%
34	2',3,5-	0.89%	0.00%	0.00%
35	3,3',4-	0.20%	0.00%	0.00%
36	3,3',5-	0.00%	0.00%	0.00%
37	3,4,4'-	0.51%	0.00%	0.00%
38	3,4,5-	0.00%	0.00%	0.00%
39	3,4',5-	0.00%	0.00%	0.00%
40	2,2',3,3'-	0.57%	0.31%	0.00%
41	2,2',3,4-	1.15%	0.64%	0.00%
42	2,2',3,4'-	1.53%	0.06%	0.00%

IUPAC Name	Structure	Composition		
		Aroclor 1016	Aroclor 1254	Aroclor 1268
43	2,2',3,5-	0.01%	0.00%	0.00%
45	2,2',3,6-	1.20%	0.02%	0.00%
46	2,2',3,6'-	0.00%	0.00%	0.00%
47	2,2',4,4'-	0.81%	0.37%	0.07%
48	2,2',4,5-	0.87%	0.12%	0.00%
49	2,2',4,5'-	1.49%	1.28%	0.00%
50	2,2',4,6-	0.00%	0.00%	0.06%
51	2,2',4,6'-	0.91%	0.01%	0.00%
52	2,2',5,5'-	2.72%	3.98%	0.00%
53	2,2',5,6'-	1.57%	0.09%	0.00%
54	2,2',6,6'-	0.00%	0.00%	0.00%
55	2,3,3',4-	0.29%	0.00%	0.00%
56	2,3,3',4'-	0.41%	0.00%	0.00%
57	2,3,3',5-	0.79%	0.12%	0.00%
58	2,3,3',5'-	0.14%	0.12%	0.00%
59	2,3,3',6-	0.03%	0.00%	0.00%
60	2,3,4,4'-	2.27%	0.20%	0.00%
61	2,3,4,5-	0.62%	0.00%	0.00%
62	2,3,4,6-	0.94%	0.00%	0.00%
63	2,3,4',5-	0.30%	0.14%	0.00%
64	2,3,4',6-	1.15%	0.39%	0.00%
65	2,3,5,6-	0.20%	0.00%	0.00%
66	2,3',4,4'-	0.92%	5.52%	0.00%
67	2,3',4,5-	0.85%	0.00%	0.00%
68	2,3',4,5'-	1.68%	0.00%	0.00%
69	2,3',4,6-	0.33%	0.01%	0.00%
70	2,3',4',5-	0.44%	3.74%	0.00%
71	2,3',4',6-	0.00%	0.12%	0.00%
72	2,3',5,5'-	0.16%	0.00%	0.00%
73	2,3',5',6-	0.01%	0.00%	0.00%
74	2,4,4',5-	2.65%	1.19%	0.00%
75	2,4,4',6-	0.30%	0.00%	0.00%
76	2',3,4,5-	0.48%	0.00%	0.00%
77	3,3',4,4'-	0.00%	1.79%	0.38%
78	3,3',4,5-	0.00%	0.00%	0.00%
79	3,3',4,5'-	0.00%	0.00%	0.00%
80	3,3',5,5'-	0.00%	0.00%	0.00%
81	3,4,4',5-	0.00%	0.01%	0.00%
82	2,2',3,3',4-	0.00%	1.60%	0.26%
83	2,2',3,3',5-	0.16%	0.55%	0.00%
84	2,2',3,3',6-	0.07%	1.68%	0.04%
85	2,2',3,4,4'-	0.02%	0.88%	0.00%
86	2,2',3,4,5-	0.00%	0.00%	0.00%
87	2,2',3,4,5'-	0.00%	3.15%	0.00%
88	2,2',3,4,6-	0.00%	0.00%	0.81%
89	2,2',3,4,6'-	0.00%	0.12%	0.00%

IUPAC Name	Structure	Composition		
		Aroclor 1016	Aroclor 1254	Aroclor 1268
90	2,2',3,4',5-	0.02%	4.19%	0.00%
91	2,2',3,4',6-	0.08%	1.34%	0.00%
92	2,2',3,5,5'-	0.01%	2.01%	0.05%
93	2,2',3,5,6-	0.00%	0.01%	0.00%
94	2,2',3,5,6'-	0.01%	0.00%	0.07%
95	2,2',3,5',6-	0.29%	1.37%	0.00%
96	2,2',3,6,6'-	0.03%	0.14%	0.08%
97	2,2',3',4,5-	0.02%	1.73%	0.00%
98	2,2',3',4,6-	0.00%	0.00%	0.19%
99	2,2',4,4',5-	0.03%	2.97%	0.17%
100	2,2',4,4',6-	0.05%	0.00%	0.04%
101	2,2',4,5,5'-	0.01%	0.79%	0.15%
102	2,2',4,5,6'-	0.00%	0.13%	0.13%
103	2,2',4,5',6-	0.01%	0.14%	0.17%
104	2,2',4,6,6'-	0.00%	0.00%	0.00%
105	2,3,3',4,4'-	0.00%	5.46%	0.38%
106	2,3,3',4,5-	0.00%	0.00%	0.00%
107	2,3,3',4',5-	0.03%	0.14%	0.00%
108	2,3,3',4,5'-	0.00%	0.00%	0.00%
109	2,3,3',4,6-	0.00%	0.21%	0.00%
110	2,3,3',4',6-	0.00%	7.37%	0.00%
111	2,3,3',5,5'-	0.00%	0.00%	0.00%
112	2,3,3',5,6-	0.00%	0.00%	0.00%
113	2,3,3',5',6-	0.00%	0.00%	0.07%
114	2,3,4,4',5-	0.00%	0.02%	0.00%
115	2,3,4,4',6-	0.00%	0.00%	0.00%
116	2,3,4,5,6-	0.00%	0.00%	0.00%
117	2,3,4',5,6-	0.00%	0.00%	0.00%
118	2,3',4,4',5-	0.00%	10.60%	0.00%
119	2,3',4,4',6-	0.00%	0.16%	0.07%
120	2,3',4,5,5'-	0.00%	0.00%	0.00%
121	2,3',4,5',6-	0.00%	0.00%	0.00%
122	2',3,3',4,5-	0.00%	0.30%	0.00%
123	2',3,4,4',5-	0.03%	0.07%	0.00%
124	2',3,4,5,5'-	0.00%	0.12%	0.00%
125	2',3,4,5,6'-	0.00%	0.00%	0.00%
126	3,3',4,4',5-	0.00%	0.11%	0.07%
127	3,3',4,5,5'-	0.00%	0.34%	0.00%
128	2,2',3,3',4,4'-	0.00%	1.00%	0.00%
129	2,2',3,3',4,5-	0.00%	0.65%	0.00%
130	2,2',3,3',4,5'-	0.00%	0.18%	0.00%
131	2,2',3,3',4,6-	0.00%	0.18%	0.00%
132	2,2',3,3',4,6'-	0.00%	3.14%	0.07%
133	2,2',3,3',5,5'-	0.00%	0.12%	0.32%
134	2,2',3,3',5,6-	0.00%	0.34%	0.07%
135	2,2',3,3',5,6'-	0.00%	1.14%	0.00%

IUPAC Name	Structure	Composition		
		Aroclor 1016	Aroclor 1254	Aroclor 1268
136	2,2',3,3',6,6'-	0.00%	0.29%	0.00%
137	2,2',3,4,4',5-	0.00%	0.43%	0.05%
138	2,2',3,4,4',5'-	0.00%	3.61%	0.10%
139	2,2',3,4,4',6-	0.00%	0.00%	0.00%
140	2,2',3,4,4',6'-	0.00%	0.00%	0.07%
141	2,2',3,4,5,5'-	0.00%	1.04%	0.39%
142	2,2',3,4,5,6-	0.00%	0.00%	0.05%
143	2,2',3,4,5,6'-	0.00%	0.00%	0.00%
144	2,2',3,4,5',6-	0.00%	0.03%	0.00%
145	2,2',3,4',6,6'-	0.00%	0.00%	0.00%
146	2,2',3,4',5,5'-	0.00%	0.86%	0.00%
147	2,2',3,4',5,6-	0.00%	0.05%	0.00%
148	2,2',3,4',5,6'-	0.00%	0.00%	0.00%
149	2,2',3,4',5',6-	0.00%	2.95%	0.00%
150	2,2',3,4',6,6'-	0.00%	0.00%	0.00%
151	2,2',3,5,5',6-	0.00%	0.54%	0.39%
152	2,2',3,5,6,6'-	0.00%	0.00%	0.00%
153	2,2',4,4',5,5'-	0.00%	3.72%	0.08%
154	2,2',4,4',5,6'-	0.00%	0.00%	0.00%
155	2,2',4,4',6,6'-	0.00%	0.00%	0.00%
156	2,3,3',4,4',5-	0.00%	1.85%	0.00%
157	2,3,3',4,4',5'-	0.00%	0.65%	0.00%
158	2,3,3',4,4',6-	0.00%	0.40%	0.00%
159	2,3,3',4,5,5'-	0.00%	0.00%	0.01%
160	2,3,3',4,5,6-	0.00%	0.00%	0.00%
161	2,3,3',4,5',6-	0.00%	0.00%	0.32%
162	2,3,3',4',5,5'-	0.00%	0.00%	0.00%
163	2,3,3',4',5,6-	0.00%	0.12%	0.11%
164	2,3,3',4',5',6-	0.00%	0.12%	0.00%
165	2,3,3',5,5',6-	0.00%	0.00%	0.05%
166	2,3,4,4',5,6-	0.00%	0.00%	0.00%
167	2,3',4,4',5,5'-	0.00%	0.27%	0.00%
168	2,3',4,4',5',6-	0.00%	0.00%	0.00%
169	3,3',4,4',5,5'-	0.00%	0.00%	0.00%
170	2,2',3,3',4,4',5-	0.00%	0.45%	0.00%
171	2,2',3,3',4,4',6-	0.00%	0.04%	0.05%
172	2,2',3,3',4,5,5'-	0.00%	0.18%	0.00%
173	2,2',3,3',4,5,6-	0.00%	0.07%	1.14%
174	2,2',3,3',4,5,6'-	0.00%	1.50%	0.05%
175	2,2',3,3',4,5',6-	0.00%	0.01%	0.00%
176	2,2',3,3',4,6,6'-	0.00%	0.12%	0.00%
177	2,2',3,3',4',5,6-	0.00%	0.30%	0.00%
178	2,2',3,3',5,5',6,-	0.00%	0.14%	2.78%
179	2,2',3,3',5,6,6'-	0.00%	0.30%	0.00%
180	2,2',3,4,4',5,5'-	0.00%	0.65%	0.20%
181	2,2',3,4,4',5,6-	0.00%	0.00%	0.00%

IUPAC Name	Structure	Composition		
		Aroclor 1016	Aroclor 1254	Aroclor 1268
182	2,2',3,4,4',5,6'-	0.00%	0.00%	0.06%
183	2,2',3,4,4',5',6-	0.00%	0.29%	0.00%
184	2,2',3,4,4',6,6'-	0.00%	0.00%	0.00%
185	2,2',3,4,5,5',6-	0.00%	0.01%	0.00%
186	2,2',3,4,5,6,6'-	0.00%	0.00%	0.16%
187	2,2',3,4',5,5',6-	0.00%	0.35%	0.09%
188	2,2',3,4',5,6,6'-	0.00%	0.00%	3.79%
189	2,3,3',4,4',5,5'-	0.00%	0.01%	0.00%
190	2,3,3',4,4',5,6-	0.00%	0.23%	0.00%
191	2,3,3',4,4',5',6-	0.00%	0.01%	0.00%
192	2,3,3',4,5,5',6-	0.00%	0.00%	0.00%
193	2,3,3',4',5,5',6-	0.00%	0.01%	0.00%
194	2,2',3,3',4,4',5,5'-	0.00%	0.01%	3.19%
195	2,2',3,3',4,4',5,6-	0.00%	0.00%	6.12%
196	2,2',3,3',4,4',5,6'-	0.00%	0.01%	5.67%
197	2,2',3,3',4,4',6,6'-	0.00%	0.00%	0.06%
198	2,2',3,3',4,5,5',6-	0.00%	0.00%	0.16%
199	2,2',3,3',4,5,5',6'-	0.00%	0.00%	0.91%
200	2,2',3,3',4,5,6,6'-	0.00%	0.06%	1.46%
201	2,2',3,3',4,5',6,6'-	0.00%	0.01%	14.92%
202	2,2',3,3',5,5',6,6'-	0.00%	0.15%	2.78%
203	2,2',3,4,4',5,5',6-	0.00%	0.01%	5.67%
204	2,2',3,4,4',5,6,6'-	0.00%	0.00%	0.00%
205	2,3,3',4,4',5,5',6-	0.00%	0.00%	0.00%
206	2,2',3,3',4,4',5,5',6-	0.00%	0.00%	28.70%
207	2,2',3,3',4,4',5,6,6'-	0.00%	0.00%	2.47%
208	2,2',3,3',4,5,5',6,6'-	0.00%	0.00%	6.12%
209	2,2',3,3',4,4',5,5',6,6'-	0.01%	0.00%	8.12%

Table 3. Relative Potency Estimates for Aroclor 1016, 1254 and 1268.

		Relative potency estimates			Percent Composition			Relative TEQ Amounts			Relative NEQ Amounts			Relative thyroid-disrupting Amounts		
IUPAC Name	Rel. Persist.	Dioxin TEQ	Ca^{2+} NEQ	Thyroid relative to PCB127	Aroclor 1016	Aroclor 1254	Aroclor 1268	Aroclor 1016	Aroclor 1254	Aroclor 1268	Aroclor 1016	Aroclor 1254	Aroclor 1268	Aroclor 1016	Aroclor 1254	Aroclor 1268
15	0.008		0.000	0.001	2.46%						0.0E+00			2.4E-07		
16	0.006		0.495		3.48%						1.1E-04					
17	0.005		0.495		1.99%						4.8E-05					
18	0.011		0.495		7.95%						4.2E-04					
22	0.008		0.416		5.57%						1.7E-04					
28	0.045		0.298	0.006	5.51%						7.3E-04			1.5E-05		
31	0.015		0.195		4.95%						1.5E-04					
32	0.005		0.255		1.19%						1.6E-05					
33	0.012		0.350	0.007	4.24%						1.8E-04			3.7E-06		
37	0.012		0.083	0.001	0.51%						4.9E-06			7.1E-08		
44	0.015		0.794		2.27%						2.6E-04					
47	0.008		0.497	0.006	0.92%	5.52%					3.4E-05	2.1E-04		4.2E-07	2.5E-06	
49	0.004		0.390		1.68%						2.7E-05					
52	0.010		0.699	0.009	2.65%	1.19%					1.8E-04	8.1E-05		2.2E-06	9.8E-07	
56	0.005				1.53%											
59	0.006				0.81%											
60	0.015		0.206		0.87%						2.8E-05					
61	0.020				1.49%	1.28%										
64	0.012		0.378		0.94%						4.1E-05					
74	0.067		0.208		0.91%						1.3E-04					
77	0.000	0.0001	0.000	0.001	0.00%	1.79%	0.38%									
81	0.000	0.0003	0.130		0.00%	0.01%	0.00%									
95	0.016		0.990	0.062		0.55%						8.9E-05			5.6E-06	
99	0.105		0.225	0.024		4.19%						9.9E-04			1.1E-04	
101	0.027		0.521	0.024		1.73%						2.4E-04			1.1E-05	

105	0.039	0.00003	0.487	0.005		7.37%			8.6E-08			1.4E-03			1.4E-05	
114	0.009	0.00003			0.00%	0.02%	0.00%	0	5.7E-11	0						
118	0.174	0.00003	0.293		0.00%	10.6%	0.00%	0	5.5E-07	0	0.0E+00	5.4E-03	0.0E+00			
123	0.000	0.00003			0.3%	0.7%	0.00%	0								
126	0.000	0.1	0.000		0.00%	0.01%	0.07%									
128	0.009		0.306	0.001		1.85%						5.2E-05			2.1E-07	
138	0.310		0.115	0.214		3.61%						1.3E-03			2.4E-03	
141	0.007		0.115			3.72%						2.8E-05				
151	0.009		0.440			3.14%						1.3E-04				
153	1.000		0.091			1.14%						1.0E-03				
156	0.059	0.00003	0.363		0.00%	1.85%	0.00%	0	3.3E-08	0	0.0E+00	3.9E-04	0.0E+00			
157	0.018	0.00003			0.00%	0.65%	0.00%	0	3.6E-09	0						
163	0.310					0.54%										
167	0.025	0.00003			0.00%	0.27%	0.00%	0	2.0E-09	0						
169	0.000	0.00003			0.00%	0.00%	0.00%									
178	0.041		0.188				2.78%						2.1E-04			
180	0.518		0.360	0.009		1.50%						2.8E-03			6.6E-05	
189	0.007	0.00003			0.00%	0.01%	0.00%		1.5E-11	0.0E+00						
194	0.095						3.19%									
195	0.017						6.12%									
196	0.032						5.67%									
200	0.005						1.46%									
201	0.092						14.92%									
202	0.024						2.78%									
203	0.050						5.67%									
206	0.029						28.70%									
207	0.004						2.47%									
208	0.008						6.12%									
209	0.020						8.12%									

	Relative TEQ Amounts			Relative NEQ Amounts			Relative thyroid-disrupting Amounts		
	Aroclor 1016	Aroclor 1254	Aroclor 1268	Aroclor 1016	Aroclor 1254	Aroclor 1268	Aroclor 1016	Aroclor 1254	Aroclor 1268
Mixture Relative Potency Estimates	0.0E+00	6.6E-07	4.5E-09	2.5E-03	1.4E-02	2.9E-04	2.2E-05	2.6E-03	7.3E-07

EPS

APPENDIX H

UNCERTAINTY ASSESSMENT – PAH SITE VS. BACKGROUND SOIL CONCENTRATIONS

Appendix H
Site and Background PAH Levels

Review of Site and Background PAH Concentrations

Review of the February 2007 OU3 HHBRA indicated some quadrant risk characterizations were artificially elevated due to soil PAHs which are at background compared to the industrialized region of Brunswick. Consequently, a review of the screening process for soil PAH data was completed to account for background levels. The review included data at the national scale, from the regional scale and from peer-reviewed literature applicable to coastal soils for the following PAHs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(ah)anthracene, and indeno(cd-123)pyrene.

It is important to note at this point, that the data from all quadrants at the LCP site are dominated by non-detects for PAHs. The inclusion of PAHs in the HHBRA followed standard EPA procedures for non-detects by applying as a surrogate result value of one-half the detection limit. This point will be discussed in further detail.

Selection of PAH Background Studies

Background data for PAHs from several sources were considered, including data sets from the Center for Disease Control - Agency for Toxic Substances and Disease Registry (CDC-ATSDR) (1995), Electric Power Research Institute (EPRI, 2000), Van Dolah et al. (2005), Sanders et al. (2002) and the 1995 Community Based Environmental Program (CBEP), or “Brunswick Initiative” (BI) . Initially, it was thought that the BI data set would provide the most appropriate comparison due to the geographic proximity of the sampled locations to the LCP site. However, of the 89 samples in this data set, 85 were non-detect values. In addition, the reporting limits varied over more than an order of magnitude and in many instances, were higher than the actual detects. The BI data set also does not contain analyses for dibenz(ah)anthracene, and benzo(b)fluoranthene and benzo(k)fluoranthene were not separated. A summary of the Brunswick data is provided in Table 1.

National data sets from the CDC-ATSDR Toxicological Profile and from EPRI were also considered (CDC-ATSDR, 1995; EPRI, 2000). The CDC-ATSDR data is reported as ranges and the EPRI data is presented as ranges and means

(Table 1). Both the CDC-ASTDR and EPRI data sets exhibit larger concentration ranges and typically higher PAH values than those in the BI data set.

A comparison of normalized percentages of PAHs in all identified background data sets was compared to LCP quadrant data. The comparison indicates PAH distributions in the studies of Van Dolah et al. (2005) and Sanders et al. (200) are the most comparable with the LCP site (Table 2). As a result, the data sets from Van Dolah et al. (2005) and Sanders et al. (2002), which focused on the coastal southeast, were judged most appropriate for site comparisons.

Van Dolah et al. (2005) investigated migration of PAHs from highways into estuarine wetlands in South Carolina. The estuarine wetlands of South Carolina and those of Georgia are quite similar – both include mud flats, tidal creeks and spartina grass. Van Dolah et al. (2005) provided values of total PAH concentrations for several levels of road usage. The average total PAH concentration in highway berm soil was 1.97 mg/kg; the highest value reported was 3.66 mg/kg. Table 3 shows the percentages and calculated concentration for each PAH.

Sanders et al. (2002) measured PAH concentrations and performed a "fingerprint" analysis of PAHs in surficial sediments in the Savannah River to determine sources of PAHs. Use of the percentages from Sanders et al. (2002) is predicated on the model that PAHs occurring in surficial sediments will be derived from soil via sheet flow/runoff or due to similar depositional processes, and the percentages of the various PAH compounds will be similar in soil and sediment.

Comparative Statistics of PAH Background Studies

To develop comparative statistics to the LCP data set the geometric mean (GM) and geometric standard deviation (GSD) for the Van Dolah et al. (2005) and Sanders et al. (2002) data set distributions were estimated with the following equations:

$$\hat{\sigma} = \frac{\ln(p90) - \ln(AM)}{\Psi(0.9)} \qquad \textit{Eq. 1}$$

$$\hat{\mu} = \ln(AM) - 0.5 \cdot \hat{\sigma}^2 \qquad \textit{Eq. 2}$$

GMs and GSDs developed from percentages obtained from both Van Dolah et al. (2005) and Sanders et al. (2002) are shown in Table 3. The GM values for the distributions derived from Sanders et al. (2002) are consistently lower than those

from Van Dolah et al. (2005). The results of Sanders et al. were used to model distributions of PAHs in background as a conservative approach.

Non-Detect Surrogates for PAHs

As noted, data from all quadrants at the LCP site are dominated by non-detects for PAHs. The inclusion of PAHs in the HHBRA followed US EPA procedures and applied one-half the detection limit for non-detect values. Many sample analyses from the early RI phases where performed in on-site labs, which exhibited higher detection limits.

For all the non-detect values for PAHs at the LCP site, the actual concentration is unlikely to be zero because of the ubiquity of PAHs, but the true concentration for a given sample location of non-detect may be much lower than the one-half detection limit value. To obtain distributions of PAH concentrations at each of the four quadrants in OU3, the method of Helsel and Hirsch (2002) using regression methods on ordered data to obtain estimates of the GM and GSD was applied to each of the PAHs in each quadrant. Briefly, the natural logarithms of detections were plotted against Z-scores obtained from the full data set. The intercept of such a plot is an estimator of the logarithm of the GM and the slope is an estimator of the GSD. Table 4 shows the estimated GM and GSD values for the carcinogenic PAHs in each quadrant of the LCP Site.

To determine potential values represented by the non-detect values of each individual PAH in each quadrant, the appropriate number of values were selected at random from the corresponding distributions using a Monte Carlo approach. Values from the Monte Carlo-generated values below the lowest detection were assumed to represent samples below the detection limit. If Monte Carlo-generated values fell below the detection limit of 0.0017 mg/kg, this value was used as a surrogate. The distributions used as background the total PAH soil concentration value from South Carolina highway berms and the percent individual PAH values from Savannah River sediment.

Statistical Comparison of LCP PAH Concentrations to Background

For all chemicals and in all quadrants, the median value of the background sample developed from Sanders et al. (2002) was greater than the median value of that individual PAH on the LCP site. The median values for the four quadrants and corresponding background are shown in Table 5. In some cases, the mean values in some of the quadrants were higher than the corresponding background mean. In these cases, the difference between the two sets values was assessed with the Wilcoxon Rank Sum test. This is a non-parametric analog of the Student's t-test, which uses ranks in lieu of actual values.

In all cases in which the quadrant mean was greater than the background mean, the Wilcoxon Rank Sum Test did not show a significant difference between the two data sets. The overall conclusion is that the PAHs that are present (0 to 4 feet below ground surface) at the site are at or below levels consistent with general anthropogenic background for the southeast Atlantic coast. This analysis was complicated by the large number of non-detects in the site sample; however, this number of non-detects suggests on a qualitative basis that site-related concentrations of carcinogenic PAHs are relatively low.

The results of this screening process suggest the inclusion of PAHs in the HHBRA would include non-site related contributions to the cumulative risk assessment.

References:

Center for Disease Control-Agency for Toxic Substances and Disease Registry (1995). Toxicological Profile for Polycyclic Aromatic Hydrocarbons, August 1995 at http://www.atsdr.cdc.gov/toxprofiles/tp69.html

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Table 1. Background Values for Polycyclic Aromatic Hydrocarbons in National Data sets and the Brunswick Initiative Data set.

Chemical	Brunswick Initiative		ATSDR	EPRI	
	Range	Range – w/ non detects	Range	Mean	Range
Benzo(a)anthracene	1 (BR077) 0.82 (BR049)	0.65-3	0.169-59	0.31	ND-9.12
Benzo(a)pyrene	0.65 (BR049)	0.65-3	0.165-0.220	0.367	ND-11.7
Benzo(b)fluoranthene Benzo(k)fluoranthene	0.13, 0.11, 0.093, 1.7	0.65-4.6	15-62	NA	NA
Benzo(k)fluoranthene			0.3-26	NA	NA
Chrysene	1.2 (BR049) 1.2 (BR077)	0.65-3	0.251-0.64	NA	NA
Dibenz(a,h)anthracene	NA	NA	NA	0.095	ND-3.01
Indeno-1,2,3-(cd)pyrene	0.43 (BR049) 0.52 (BR052	0.65-3	8-61	0.272	ND-8.24

Table 2. Normalized Percentages of PAHs for LCP Quadrants and Regional Studies.

PAH	Van Dolah et al. (2005)	Sanders et al. (2002)	ATSDR/EPRI	Quad 1	Quad 2	Quad 3	Quad 4
Benzo(a)pyrene	14.6	10.9	0.6	17.5	24.9	27.5	12.8
Benzo(a)anthracene	9.5	18.8	27.0	23.8	22.8	22.2	18.2
Benzo(b)fluoranthene	20.6	25.0	58.7	16.4	24.0	11.9	11.8
Benzo(k)fluoranthene	16.5	18.8	12.3	27.6	0.1	12.4	12.6
Chrysene	18.4	18.8	0.7	10.2	0.1	18.0	25.6
Dibenzo(a,h)anthracene	61.9	1.6	0.2	0.1	9.4	5.7	11.1
Indeno(1,2,3-cd)pyrene	14.2	6.3	0.5	4.5	18.7	2.2	8.1

Table 3. Values for Polycyclic Aromatic Hydrocarbons from Van Dolah et al. (2005) and Sanders et al. (2002).

Chemical	Van Dolah et al. (2005)					Sanders et al. (2002)				
	%	AM	P90	GM	GSD	%	AM	P90	GM	GSD
Benzo(a)anthracene	4.6	0.09	0.17	0.081	1.62	6	0.07	0.13	0.065	1.62
Benzo(a)pyrene	7.1	0.14	0.26	0.12	1.62	3.5	0.12	0.22	0.11	1.62
Benzo(b)fluoranthene	18[a]	0.2	0.37	0.18	1.62	8	0.17	0.29	0.15	1.62
Benzo(k)fluoranthene	18[a]	0.16	0.30	0.14	1.62	6	0.12	0.22	0.11	1.62
Chrysene	8.9	0.18	0.33	0.16	1.62	6	0.12	0.22	0.11	1.62
Dibenz(a,h)anthracene	NA(0.9)[b]	0.06	0.11	0.016	1.62	0.5	0.01	0.02	0.0093	1.62
Indeno-1,2,3-(cd)pyrene	6.9	0.14	0.25	0.12	1.62	2	0.04	0.07	0.037	1.62

[a] Van Dolah et al. (2005) measured benzo(b)fluoranthene and benzo(k)fluoranthene together. Values of 10% and 8% respectively were used to maintain the approximate ratio of percentages between these two compounds as was measured in Sanders et al. (2002).

[b] Van Dolah et al. (2005) did not measure a percentage value for dibenz(ah)anthracene in road berm soil. The value of 0.9 was estimated using the percentages from Sanders et al. (2002).

AM – arithmetic mean
P90 – 90th percentile of distribution
GM – geometric mean
GSD – geometric standard deviation

Table 4. Statistical Evaluation of Carcinogenic PAHs in Each Quadrant Based on Regression Order Methods from Helsel and Hirsch (2002).

Chemical	Freq. of Detect	Max Det	GM	GSD	AM (calc)	ASD (calc)	AM (det.)
Q1							
Benzo(a)anthracene	9/61	1.3	3.7e-03	18.34	0.25	34.76	0.55
Benzo(a)pyrene	8/61	1.3	3.1E-03	15.93	0.14	17.51	0.41
Benzo(b)fluoranthene	1/19	0.38	NA	NA	NA	NA	0.38
Benzo(k)fluoranthene	1/19	0.64	NA	NA	NA	NA	0.64
Chrysene	12/61	0.88	4.9E-03	11.09	0.088	5.36	0.24
Dibenz(a,h)anthracene	0/61	NA	NA	NA	NA	NA	NA
Indeno-1,2,3-(cd)pyrene	5/61	0.19	5.8E-03	4.76	0.019	0.45	0.10
Q2							
Benzo(a)anthracene	5/68	0.86	1.0E-03	19.34	0.08	22.78	0.33
Benzo(a)pyrene	5/68	0.96	7.0E-04	24.26	0.11	53.61	0.36
Benzo(b)fluoranthene	0/68	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0/68	NA	NA	NA	NA	NA	NA
Chrysene	6/68	1.2	7.0E-04	27.03	0.16	92.83	0.35
Dibenz(a,h)anthracene	3/68	0.26	3.0E-04	17.77	0.021	9.02	0.14
Indeno-1,2,3-(cd)pyrene	4/68	0.54	3.0E-03	9.88	0.038	2.68	0.27
Q3							
Benzo(a)anthracene	52/389	89.09	3.0E-04	85.39	6.03	48,399	4.04
Benzo(a)pyrene	37/389	78.3	1.2E-05	271.9	77.9	58,676,984	5.01
Benzo(b)fluoranthene	38/386	35.59	3.0E-04	64.70	1.73	7847	2.17
Benzo(k)fluoranthene	31/386	35.59	3.3e-5	134.3	5.47	382,877	2.25
Chrysene	74/389	77.3	3.3E-03	37.26	2.27	1047.8	3.28
Dibenz(a,h)anthracene	7/378	3.2	3.3e-6	135.9	0.57	131,409	1.04
Indeno-1,2,3-(cd)pyrene	24/389	2.2	9.8e-5	43.22	0.12	414.2	0.39
Q4							
Benzo(a)anthracene	68/531	82.59	1.4E-02	19.47	1.14	87.69	4.94
Benzo(a)pyrene	54/531	38.2	1.9E-02	13.90	0.59	24.60	3.47
Benzo(b)fluoranthene	41/520	27.6	2.1E-02	11.42	0.40	12.34	3.20
Benzo(k)fluoranthene	35/520	27.6	1.6E-02	12.32	0.37	14.28	3.43
Chrysene	65/531	137	7.8E-03	26.00	1.58	253.5	6.95
Dibenz(a,h)anthracene	27/525	30.29	2.9E-03	21.20	0.31	58.75	3.01
Indeno-1,2,3-(cd)pyrene	31/531	9.89	4.5E-03	17.24	0.26	29.43	2.19

Max Det – maximum detection
GSD – geometric standard deviation
AM(calc) – calculated arithmetic mean
ASD – calculated arithmetic standard deviation
AM (det) – arithmetic mean based on detections

Table 5. Arithmetic Mean and Median Values for Background and Quadrant Soil PAH Concentrations.

Chemical	Background		Site		p-value
	Median	AM	Median	AM	
Quadrant 1					
Benzo(a)anthracene	0.063	0.071	0.014	0.096	NS
Benzo(a)pyrene	0.10	0.12	0.026	0.078	
Benzo(b)fluoranthene	0.17	0.18	0.0011	0.0010	
Benzo(k)fluoranthene	0.12	0.13	0.0011	0.0010	
Chrysene	0.11	0.12	0.017	0.061	
Dibenz(a,h)anthracene	0.0094	0.011	0.0011	0.0010	
Indeno-1,2,3-(cd)pyrene	0.035	0.039	0.018	0.027	
Quadrant 2					
Benzo(a)anthracene	0.064	0.073	0.014	0.0417	
Benzo(a)pyrene	0.10	0.12	0.0088	0.039	
Benzo(b)fluoranthene	0.17	0.16	0.00094	0.00094	
Benzo(k)fluoranthene	0.12	0.13	0.00094	0.00094	
Chrysene	0.11	0.12	0.0049	0.043	
Dibenz(a,h)anthracene	0.0094	0.011	0.0056	0.014	NS
Indeno-1,2,3-(cd)pyrene	0.035	0.040	0.018	0.040	NS
Quadrant 3					
Benzo(a)anthracene	0.067	0.076	0.0037	0.54	NS
Benzo(a)pyrene	0.11	0.12	0.0017	0.48	NS
Benzo(b)fluoranthene	0.16	0.18	0.0087	0.22	NS
Benzo(k)fluoranthene	0.11	0.13	0.0017	0.18	Ns
Chrysene	0.11	0.12	0.0055	0.63	NS
Dibenz(a,h)anthracene	0.0098	0.011	0.0017	0.021	NS
Indeno-1,2,3-(cd)pyrene	0.036	0.041	0.0041	0.030	NS
Quadrant 4					
Benzo(a)anthracene	0.067	0.075	0.023	0.66	NS
Benzo(a)pyrene	0.11	0.13	0.031	0.39	NS
Benzo(b)fluoranthene	0.16	0.18	0.045	0.32	NS
Benzo(k)fluoranthene	0.11	0.12	0.043	0.29	NS
Chrysene	0.11	0.12	0.020	0.87	NS
Dibenz(a,h)anthracene	0.010	0.010	0.0087	0.17	NS
Indeno-1,2,3-(cd)pyrene	0.036	0.041	0.011	0.15	NS

Note: p-value calculated when Site AM > Background AM
NS - no significant difference
AM – arithmetic mean