

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii

## DAILY LOG

IAND PWC 9 11300741 (5-69)

SHEET NO

DATE

ACTIVITY

17 NOV 2021

TIME	REMARKS
1500	B CAMPING ON SHIFT TANK LEVEL: S1/S2 35.8/35.9, REDHILL 27.1 CAMP SMITH 14.3, OCTAMS 13.2, LL 9.1
	PUMPS ON: WAIANA MP#1, REDHILL MP#2 MOANALUA BP#1, OCTAMS BP#2
1510	TURNED ON LL DEEPWELL - LL TANK 9.1 SECURED REDHILL MP#2
1625	STATION CHECKS: CL2 1.2 NAF 0.1, CHLORINE TANK #95 TURNED ON WAIANA MP#4 - S1/S2 35.1/35.1
1645	TURNED ON REDHILL MP#2
2005	ADD FLUORIDE
2020	TAKE VIBRATION READING
2040	TURNED ON REDHILL BP#2 - REDHILL TANK 26.1
2205	OCTAMS FIRE PUMP ON NORM
2240	OCTAMS FIRE PUMP STOPPED SECURED REDHILL BP#2 - REDHILL TANK 28.8
2300	END OF SHIFT



## DAILY LOG

4ND PWC 9 113002-11 (5-69)

SHEET NO

ACTIVITY

Waianae 3rd shift

DATE

11/17/21

TIME	REMARKS
2300	D. Paresa M
-	Waianae MP 144 GW 66psi 19.6 MGD CL 72 NAT. 47
-	RH MP 2 GW 30psi 7.3 MGD CL 65 NAT. 60
-	UL Well on 33psi 3.21 MGD CL (93) TANK LEVELS
	SL 35.8 / RH. 29.7 / CS. 13.4 / NAT 14.3 / UL 9.6
2400	CL 72 NAT. 44
0100	CL 72 NAT. 45
0200	CL 71 NAT. 44
0300	CL 70 NAT. 43 / Added Fluoride
0400	CL 70 NAT. 43 / 0445 start Haawia B1
0500	CL 60 NAT. 47 / charts
0600	CL 60 NAT. 47
0700	DP out

C. Narimatsu

11/18/2021

TIME	Day Shift	REMARKS
0830	S1/C2 35.6/35.6 RH 27.2 C.S 13.5 NCTAMS 15.6 L <sup>3</sup> 9.8 Walawa #1 & #4 70.1 PSI 18.1 MGD 0.74 CL2 0.47 NaF 13.7 well RH #2 32.4 PSI 6.05 MGD 0.73 CL2 0.44 NaF 20.7 well BP Uoanalva #1 NCTAMS #1 Halawa #1 Walawa CL2 - 0.80 — 0.80 NaF - 0.41 0.47 0.36	
0934	Walawa #4 off S1/C2 36.4/36.6	
1250	Halawa BP #1 alarm-on too long	
1250	Halawa BP #1 off C.S 13-8	
1250	L <sup>3</sup> DW on L <sup>3</sup> 9.2	
1305	Halawa BP #2 on C.S 13-8	
13:14	RH NaF alarm-lo - 0.20 - I think NaF pump tripped off	
	S1/S2 36.8/35.9 RH 26.3 C.S 14.3 NCTAMS 13.2 L <sup>3</sup> 9.2 Walawa #1 60.8 PSI 9.62 MGD 0.90 CL2 0.62 NaF 17.8 well RH #2 30.8 MGD 7.19 MGD 0.65 CL2 0.12 NaF 20.7 well BP Uoanalva #1 NCTAMS #1 Halawa #2 LLL DW 32.9 PSI 0.319 0.76 CL2	
	- Add one bag NaF - clean counter under toaster oven. - can't updating The SDS filler.	



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

WAIAWA GUIDING SHIFT

18 NOV 2021

TIME	REMARKS
1500	A. PAULINO AND B. CALIMPONG ON SHIFT TANK LEVEL: S1/S2 35.8/35.9, REDHILL 26.2 CAMP SMITH 14.5, DC TANKS 12.9, LLL 9.3
	PUMPS ON: WAIAWA MP#1, REDHILL MP#2 MOMADAWA BP#1, DC TANKS BP#1
1515	SECURED REDHILL MP#2
1535	STATION CHECKS: CL2 1.2 DAF 0.35, CHLORINE TANK 385 GAL
1540	A. PAULINO OUT TO INSPECT BOOSTER PUMP AT MOMADAWA
1610	GREEN TURNED ON REDHILL BP#2 - REDHILL TANK 26.0 TURNED ON WAIAWA MP#4 - S1/S2 35.2/35.1
1625	TURNED ON REDHILL MP#2
1735	A. PAULINO BACK
1820	SECURED REDHILL BP#2 - REDHILL TANK 28.7
1905	ADD FLUORIDE
1915	TAKE VIBRATION READING
1925	SECURED REDHILL MP#2 - S1/S2 36.8/36.9
1950	TURNED ON REDHILL MP#2
2040	TRANSFERRED CHLORINE - CHLORINE TANK 640 GALS
2045	SECURED LLL DEEPWELL - LLL TANK 9.8
2300	END OF SHIFT

## DAILY LOG

14ND PWC 9 113007-11 (5-69)

SHEET NO

ACTIVITY

Waianae 3rd shift

DATE 11/18/21

TIME	REMARKS
2300	D. Paresa IN
-	Waianae MIP 14 ON 63psi 15.9MGD
	CL 71 NAF 45
-	RH MIP 2 ON 33psi 7.6MGD
	CL 90 NAF (12)
-	HAGUNA B2 ON
	TANK LEVELS
	SL 34.9 / RH 27.9 / C.S. 14.1 / NCI 13.9 / CCL 9.8
2400	CL 71 NAF 45 / 2439 STOP HAGUNA B2
0100	CL 71 NAF 44
0200	CL 71 NAF 43
0300	CL 72 NAF 43
0400	CL 73 NAF 43 / add F/variable
0500	CL 75 NAF 43
0600	CL 70 NAF 43
0700	D. Paresa OUT



## DAILY LOG

14ND PWC 9 11300/41 (5-59)

SHEET NO

ACTIVITY

DAY SHIFT

DATE

11/19/21

TIME	J. MATTO	REMARKS
800	STARTING CHECK - 1 GAL FLUORIDE ADDED	CL2 1.1, NO1, 38
		CHLORINE TOTES PSI 275 GAL 2 ~ FULL
830	OPEN DR GRASS CUTTERS	
900	WALWA - MP#1 ON	PSI 67.9, MAG 18.2
	RED WRL - MP#2 ON	PSI 31.7, MAG 6.2, CL2 .69, NO1 .12
	MAHANA - PSI 54 / MAHANA (A) DP#1 ON	PSI 72
	MAHANA - DP#1 ON	PSI 65.2
		TANK CULS - S1 35.5' / S2 35.5' R4 24.9' C5 13.2'
		MAHANA 14.7' LCC 9.7'
1000	REMOVED CHLORINE	
1030	MAHANA - DP#1 ON	
1105	RED WRL - MP#2 SECURED	
1320	LCC - DW ON	
1347	LCC - DW SECURED	
1450	VIBRATION CHECK	
1500	END SHIFT	



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

DATE

ACTIVITY

SUNNY SHIFT

11/19/21

TIME	REMARKS
1500	J. NAITO
	WALWA - MP#1 24 ON PSI 69.9, M40 13.2, CC2 .79, Not .56
	RED HILL - <del>MP#2</del> BP#2 ON CC2 .67, Not .99, PSI 29.3
	MAWANA - PSI 53 / MAWANA - BP#1 ON PSI 73
	HAWAII - BP#1 ON PSI 68, CC2 .60, Not .49
	NCMMS - BP#1 ON, DW ON, PSI 74.8, M40 13, CC2 .59, Not .74
	TANK LVL - S1 36.5' / S2 36.6', RH 25.4, CS 14.3
	NCMMS 138, CC 9.5
1520	WALWA - MP#4 SECURED
1545	HAWAII - BP#1 SECURED
1600	ADP#2 1 EAG FLUORIDE, CC2 1.1, Not .58
1625	RED HILL - MP#2 ON
1700	OUT TO RED HILL - PAULINA OVER WATCH
1745	SECURED RED HILL BOOSTER, TANK 14.45
1905	BACK FROM RED HILL
1920	WALWA - MP#4 ON
2050	VIBRATION CHECK
2300	END SHIFT



## DAILY LOG

14ND PWC 9 11000/41 (5-59)

SHEET NO

DATE

11/19/21

ACTIVITY

Waiawa 3rd Shift

TIME	REMARKS
2300	D. Parese in
-	Waiawa MP 1+4 av 64 psi 18.7 MGD CL .77 NAF .43
-	RH MP 2 av 37 psi 7.5 MGD CL .81 NAF .83
-	NCT Well av 74 psi 1.33 MGD CL .50 NAF .74
-	TANK LEVELS SL 34.6 / C.S 13.7 / RH .27.4 / NCT 12.5 / WL 9.4
2400	CL .77 NAF .43
0100	CL .70 NAF .43
0200	CL .75 NAF .43
0300	CL .74 NAF .43
0400	CL .73 NAF .43 / Add Fluoride
0500	CL .73 NAF .43
0600	CL .73 NAF .43 / 0600 start LL well, Waiawa B1 & RH B2
0700	D. Parese out

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

11/20/21

Waiawa Day

TIME	REMARKS
0700	I Garcia In 8 HRS OT.
	WAIAWA MP#1 #4 Red Hill MP#2 5,34.1 FT
	<del>MAKANA BP#1</del> Red Hill BP#2 CAMP SMITH BP#1 LLL DW
	CHL 70 CHL#1 130 #2 330
	FLW 45 ADD 1 BAG
	TAKE VIBES
0810	SECURE Red Hill BP#2
1035	SECURE Red Hill MP#2
1045	SECURE WAIAWA MP#4
	SECURE CAMP SMITH BP#1
1430	MO - FLW FWD FLW .014
	CALLED CHRIS N. TO CHECK MOANALOA TERRACE
1440	MOANALOA BP#1 CAME BACK ON
	TOLD CHRIS N. NOT TO CHECK
1445	HAWAIIAN DREDGE / OPEN GATE
1500	I Garcia Out



14ND PWC 9 113007-41 (15-69)

DATE \_\_\_\_\_

11/20/21

## ACTIVITY

Waxson Springs

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii

(Called in by F.G.)

O.T. 2hrs

DAILY LOG

14ND PWC 9 11300, 41 (5-69)

SHEET NO

ACTIVITY

Waikana 3rd shift

DATE

11/20/21

TIME	REMARKS
2230	Report to watch, F.G. checking on brack pipe @ RH by station
2300	Waikana MP 1+4 O/V 67psi 19.41u60 CL 70 NAF. 43
-	RH. MP 2 O/V 31psi 6.51u60 / B2 O/V CL 65 NAF. 75
-	NCT Well O/V 75psi 1.31u60 CL 37 NAF. 74
	Tajic Levels SL 35.3 / RA 27.3 / CS 13.4 / NCT 14.4 / LL 9.8
2300	F.G. called back and said water @ low <del>area</del> corner of tunnel of Acht 3 no (leaking pipe) / 2340 stop RH B2
2400	CL 70 NAF. 43
0100	CL 71 NAF. 43
0200	CL 72 NAF. 43
0300	CL 72 NAF. 43 / Add Fluoride
0400	CL 73 NAF. 43
0500	CL 70 NAF. 43
0600	CL 65 NAF. 43
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## DAILY LOG

14ND PWC 9 11300741 (5-69)

SHEET NO

ACTIVITY

DATE

WAIAWA DAY SHIFT

21 NOV 2021

TIME	REMARKS
0700	B CALIMPOKA ON SHIFT TANK LEVEL: S1/S2 36.1/36.1, RED HILL 27.1 CAMP SMITH 12.7, OCTANKS 12.5, LL 9.5
	PUMPS ON: WAIAWA MP#1 AND #4, REDHILL MP#2 OCTANKS DEEPWELL AND BP#1, MOANALUA BP#1
0705	TURBED ON WAIAWA BP#2 - CAMP SMITH 12.7
0725	STATION CHECKS: CL2 1.2 NAP 0.33, CHLORINE TANK 400% 0750 SECURED WAIAWA MP#4 - S1/S2 36.7/36.8
0900	SECURED REDHILL MP#2 - S1/S2 36.7/36.6
1050	SECURED HALAWA BP#2 - CAMP SMITH 14.5
1100	TAKE VIBRATION READING
1155	TURBED ON WAIAWA MP#4 - S1/S2 34.1/34.1
1230	TURBED ON REDHILL BP#2 - REDHILL TANK 26.1
1240	TURBED ON REDHILL MP#2
1325	RED HILL LOW CHLORINE ALARM ADDED FLUORIDE
1440	SECURED REDHILL BP#2 - REDHILL TANK 28.7
1500	END OF SHIFT

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

WAIANA SWING SHIFT

DATE

21 NOV 2021

TIME	REMARKS
1500	B CALIMPONG ON SHIFT TANK LEVEL: S1/S2 36.0/36.1, REDHILL 28.6 CAMP SMITH 14.3, NCTAMS 13.1, LL 9.4
	PUMPS ON: WAIANA MP#1 AND #4, REDHILL MP#2 MOMALUA BP#1, NCTAMS BP#1
1525	SECURED REDHILL MP#2 - S1/S2 36.4/36.5 TURNED ON LL DEEPWELL - LL TANK 9.4
1610	TAKE VIBRATION READING
1625	SECURED WAIANA MP#4 - S1/S2 36.7/36.7
1655	STATION CHECKS: CL2 1.0 PAF 0.60, CHLORINE TANK 350GAL
1805	TURNED ON WAIANA MP#4
1820	ADDED FLUORIDE, TRANSFERRED CHLORINE
1930	SECURED LL DEEPWELL - LL TANK 9.8
2300	END OF SHIFT



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

Waiana night shift

11/21/21

TIME

REMARKS

2300 En Vag

Waiana mp1 & 4 18.42 MGD 66.3 PSI  
 Redhill mp2 6.51 MGD 31.5 PSI  
 Halawa off  
 Netrans 15.3  
 Lualualei off

51/52 36.8 Redhill 27.2 camp 31 13.8  
 Netrans 15.3 LLL 9.8

0612 stop Waiana mp4 51/52 37 ft

0620 Netrans chlorine .22 ppm

0641 start HA-BP1

0645 start Redh-BP2

0700 End of shift

8hrs

OT

## DAILY LOG

12ND PWC 9 11300741 (5-09)

SHEET NO

ACTIVITY

DATE

Waiana swing shift

11/22/21

TIME

REMARKS

1500 E. Vest

Waiana np1 &amp; 4 18.31 MGD 70.2 pSE

Redhill off

Halawa off

NCTANS np1 1.33 MGD 74.3 pSE

Lualualei off

51/32 35.3 Redhill 26.8 camp 5M 13.6

NCTANS 12.7 LLL 9.7

1521 no-flow FWD 1021 HOA Alarm

Maanala Terrace Booster #5 off

1530 Maanala Terrace Booster #1 came back on

1629 XRM went down - Rugid master

1634 XRM Rugid master came back up

1800 XRM Rugid master up

1805 start Redh-np2 31/52 36 ft

1905 start HA-BP2

1947 start Redh-BP2

2149 stop HA-BP2

2205 stop Redh-BP2

NO 16 Elmeride

2300 End of shift



## DAILY LOG

14ND PWG 9 11300/41 (5-69)

SHEET NO

DATE

ACTIVITY

Waianua night shift

10/22/21

TIME

REMARKS

2300 - En Vegt

Waianua mp1  $\Phi$  4/ 18.53 MGD 66.1p5E

Redhill mp2 6.94 MGD 31.5p5E

Halawa off

Netams mp1 1.32 MGD 74.3p3E

Lualualei off

51/32 36.1 Redhill 28.5 camp 3M 14.8

Netams 12.3 LLL 9.7

Add 1 kg fluoride

0200 End of shift

14ND PWC 9 113007-41 (5-69)

DATE \_\_\_\_\_

11/23/21

### ACTIVITY

Day Shift

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii



14ND PWC 9 113007-41 (5-69)

DATE

TE	11	23	21
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**ACTIVITY**

# Waiawa Swing

TIME

REMARKS

1560

1 Garcia 10

8 HRS O.T. B. Campora

Wawa mp#1 Red Hill mp#2 5, 36.4

CHL: 70

CHC #1 330,

# 2 55

Fun. 40

## TAKE VIBES

2045

START WALAWA MP#2

2300

1 Carver Owl

## DAILY LOG

14ND PWC 9 11300-41 (5-69)

SHEET NO

ACTIVITY

Waiwae 3rd shift

DATE

11/23/21

TIME	REMARKS
2200	D. Paresa
-	Waiwae WIP 1+4 on 67psi 18.51160
	CL 52 NAF 63
-	RH WIP 2 on 3psi 66.160
	CL 69 NAF 36
-	NET Well on 75psi 1.31160
	CL 57 NAF 74
-	RH & Hanawa B2s on
	TANK LEVELS
	SA 35.0 / RH 26.9 / CS 12.8 / NT 15.0 / LU 9.0
2400	CL 52 NAF 63 / 2432 STOP RH B2
0100	CL 51 NAF 63
0200	CL 50 NAF 62
0300	CL 50 NAF 61 / 0341 STOP Hanawa B2
0400	CL 50 NAF 61 / Add Fluoride
0500	CL 52 NAF 61
0600	CL 52 NAF 61
0700	D. Paresa On



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

DATE

11/24/21

ACTIVITY

DAY SHIFT

TIME	REMARKS
745	J. NAITO STATION 1 CHECK - CL2 .8, Net .74 CHLORPH 75TG, 15' 275 GAL, 23/100 GALS
900	LAIALA - MP#1 #4 ON, PSI 69.1, MGD 18.2, RED HILL - MP#2 ON, PSI 32.5, MGD 6.4, CL2 .72, Net .34 HALAWA - PSI 68, MAHANA PSI 54, MAHANA BP#1 ON PSI 69, NEAMI - DW ON, PSI 74.4, MGD 1.3, CL2 .864, Net .71, BP#1 ON
	TANK LVL - ST 36.2' / SL 36.2', RH 26.9', CS 13.9' NEAMI - 17.3', LCL 9.8'
830	LAIALA - MP#4 SECURED
915	LAIALA - MP#4 ON
1005	RED HILL - MP#2 SECURED
1031	CLL - DL ON
1045	CLL - DL SECURED
1130	HALAWA - BP#1 ON
1230	STATION 1 CHECK
1300	LAIALA - MP#4 SECURED
1400	END SHIFT



14ND-PWG 9 11300/-1 (5-69)

DATE \_\_\_\_\_

### ACTIVITY

~~666~~ G. Narimatsu

DATE 11/24/2021

- sweep up office & hallway.
- Add one bag NAF.





## DAILY LOG

14ND PWC 9 11300-41 (5-69)

SHEET NO

DATE

ACTIVITY

waiana swing shift

11/25/21

TIME

REMARKS

1500 B. Vogt &amp; Chris Narimatsu

Waiana mpl 9.63 MGD 61.7 PSI

Redhill mpl 7.12 MGD 36.9 PSI

Halawa off

NCT&amp;MS mpl 1.32 MGD 74.4 PSI

Luahalei off

SI/32 35.3 Redhill 25.5 camp 5M 14.6

NCT&amp;MS 13.3 LBL 9.8

1801 Start Redh-BP2

Add 1 kg fluoride

Fill chlorine Tanks

1821 Start Waia-mpl 4 SI/52 35.7 ft

1821 NO-FBW FWD-Flow 1023 20 Alarm

Moanalua Terrace - Booster pump #1 shutdown

1830 Moanalua Terrace - Booster pump #1 online

2054 Stop Redh-BP2

2300 End of shift



ACTIVITY

Waianae 3rd Shift

DATE

11/25/21

TIME	REMARKS
2300	D. Paresu in
-	Waianae MP 1+4 on 65psi 18.6 MGD
	CL 51 NAF 61
-	RH MP 2 on 29psi 7.2 MGD
	CL 75 NAF 51
2330	- START RH B2 / *Reset pump room exhaust Fan / Tanic Laves
	SA 330 / RH 252 / C.S. 13.8 / NCT 14.6 LL 9.9
2400	CL 51 NAF 61
0100	CL 51 NAF 61
0200	CL 61 NAF 63 / 0200 STOP RH B2
0300	CL 50 NAF 64
0400	CL 50 NAF 65 / checks / Add Fluoride
0500	CL 50 NAF 65 / 0544 MAKAKAPA Forward Alarm (0 Flow), Did and meter came back 10min later to 4.0 MGD.
0600	CL 51 NAF 65
0700	D. Paresu out

4ND PWC 9 11300741 (5-69)

DATE \_\_\_\_\_

c. Narimatsu

11/28/2021

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii



## DAILY LOG

14ND FWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

Waianae swing shift

11/26/21

TIME

REMARKS

1500 R. Vagt

Waianae mp1 9.67 MG-D 60.4 PSI

Redhill mp2 7.38 MG-D 31.9 PSI

Halawa off

NLTANS off

Lualualei off

51/32 34.6 Redhill 25.7 camp sn 13.2

NLTANS 15.5 LLL 9.7

1525 start mp4 51/32 34.6 ft

1817 stop Waia-mp4 51/32 37 ft

1823 stop Redh-mp2

1830 start HA-BP2

1837 start Redh-BP2

Add 1 lb fluoride

1900 start waia-mp4 51/52 36.2 ft

1933 start Redh-mp2

2140 stop Redh-BP2

2207 stop HA-BP2

2300 End of shift

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

Waiaua 3rd shift

DATE

11/26/21

TIME	REMARKS
2300	D. Parson W
-	Waiaua W/P 1+4 on 66psi 18.5MGD
	CL-58 NAF. 63
-	RH W/P 2 on 30psi 7.2 MGD
	CL-62 NAF. 75
-	Net Well on 75psi 1.3 MGD
	CL-49 NAF. 72
-	TANK LOSS
	SL 35.1 / RH. 28.4 / C.S. 14.7 / Net 14.2 / LU 9.7
2400	CL-58 NAF. 63
0100	CL-63 NAF. 64
0200	CL-66 NAF. 64
0300	CL-68 NAF. 64
0400	CL-70 NAF. 64 / Add Flows
0500	CL-72 NAF. 65
0600	CL-74 NAF. 67
0700	D. Parson on



# DAILY LOG

14ND PWC 9-11300/41 (5-69)

SHEET NO

ACTIVITY

Wawa 1st shift

DATE

11/27/21

TIME

REMARKS

0700

D. Paresa in

- Wawa MP 174 020 70 psi 18.0 WGD

CL 72 NAT. 67

- RH MP 200 32 psi 5.9 WGD

CL 69 NAT. 71

- Tank covers

SA 35.3 / RH 27.0 / C-S 13.7 / NAT 13.4 / WGD 9.7

0800 CL 70 NAT. 65 / 0825 stop Wawa MP 4

0900 CL 73 NAT. 60

1000 CL 75 NAT. 69

1100 CL 85 NAT. 77

1200 CL 89 NAT. 85

1300 CL 92 NAT. 89 / Added Fluoride

1400 CL 95 NAT. 96 / 1422 Monometer B1 stopped

1500

D. Paresa out

## DAILY LOG

14ND PWC 9 11300-41 (5-69)

SHEET NO

ACTIVITY

DATE

11/27/21

Waiana 3Wing Shift

TIME

REMARKS

1500 En Vagt

Waiana mp1 9.58 MGD 61.4 pSE

Redhill mp2 6.733 MGD 36.9 pSE

Halawa off

NCTXNS off

Lunakui off

51/52 36.8 Redhill 25.5 camp sm 13

NCTXNS 15.2 166 9.7

1644 stop Redh-mp2 37ft

1811 start Redh-BP2

1812 start waiana mp4 51/52 36ft

Add 1bg fluorid

~~ADD~~ Filled chlorine Tanks

1831 start HA-BP2

1842 start Redh-mp2

2134 stop Redh-BP2

2211 stop HA-BP2

2300 End of shift



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

Waianae 3rd shift

DATE

11/27/21

TIME	REMARKS
2300	D. Paresa in
-	Waianae WIP 144 cu 67psi 16.4 MGD
	CL 72 NAT. 55
-	RH WIP 2 cu 32psi 6.6 MGD
	CL 64 NAT. 65
-	NET Well cu 75psi 1.3 MGD
	CL 43 NAT. 70
-	TANK LEVELS
	ST 35.7 / RU 29.5 / CS 14.7 / NC 14.9 / LL 9.7
2400	CL 77 NAT. 55
0100	CL 73 NAT. 55
0200	CL 73 NAT. 55
0300	CL 74 NAT. 55
0400	CL 75 NAT. 55
0500	CL 75 NAT. 55
0600	CL 73 NAT. 55 / 0612 STOP Waianae WIP 4
0641	STOP RH WIP 2
0700	D. Paresa out

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

11 28 24

Waiawa Day

TIME

REMARKS

0700

X CARUA In

Waiawa MP#1

S, 36.3 ft

NCRAMS Duv

CHC 1

CHC#1 330 #2 160 1

Fm .66

And 1 BAG

TAKE VIBES

0805

START Waiawa MP#4

0905

START RED Hill MP#2

1100

SECURE RED Hill MP#2

1400

SECURE Waiawa MP#4

1430

START RED Hill BP#2

1500

X CARUA Out



## DAILY LOG

14ND PWC 9 113007-01 (5-69)

SHEET NO

ACTIVITY

WAIANA SWING SHIFT

DATE

28 NOV 2021

TIME

REMARKS

1500

B CAMPBOND ON SHIFT

TANK LEVEL: 31/52 36.0/36.0, REDHILL 26.5  
CAMP SMITH 13.7, DC TANKS 13.3, LLC 9.7PUMPS ON: WAIANA MP#1, REDHILL MP#2 AND BP#2  
HALAWA BP#2, DC TANKS BP#1FLYNN MET UP W/ J NEHL AT REDHILL FOR  
WATER SAMPLE OF WELL1600 J PAVOR CALLED TO INFORM THAT THEY WILL FLUSHING  
FH @ MOANA LWS AND PWC COMPOUND

1635 STATION CHECKS: CL2 1.4 NAF 0.7, CHLORINE TANK 495g

1650 SECURED REDHILL BP#2 - REDHILL TANK 28.6

1656 SECURED HALAWA BP#2 - CAMP SMITH 14.5

1710 TAKE VIBRATION READING

1725 F GARCIA CALLED TO UPDATE THAT THEY'RE GOING BACK  
IN TO REDHILL WITH CO

1730 TURNED ON WAIANA MP#4 - 31/52 36.0/36.0

1815 SECURED REDHILL MP#2 PER F GARCIA TIL FURTHER  
NOTICE, UTILIZE HALAWA MP#3 INSTEAD

1920 TURNED ON HALAWA MP#3 - 31/52 36.4/36.4

1955 SECURED HALAWA MP#3

TURNED ON REDHILL MP#2 (FOR WATER SAMPLE)

2010 ADDED FLOURIDE

2045 R KAWAMURA CALLED FOR ME TO SECURE REDHILL <sup>MP</sup>#2  
BUT I WAS NOT ABLE TO CAUSE F GARCIA IN THE PROCESS  
OF COLLECTING WATER SAMPLE

2120 SECURED REDHILL MP#2

2125 TURNED ON HALAWA MP#3

2200 FLYNN GARCIA SIGN OUT

2300 END OF SHIFT

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

11/28

Waianae night shift

TIME

REMARKS

2300 E. Vost

Waianae mp1 4 m 18.21 MGD 68.5 psl

Redhill off

Halawa mp3 4.22 MGD 70.9 psl

NLTANS off

Lualuaki off

51/32 36.4 Redhill 27.6 camp sm 14.

NLTANS 14.7 LLL 9.7

2305 NI-B4-R42-cam RTU comm fail

0116 X29 Redhill TNK DOWN

Tank level 27.3 ft

0118 X29 Redhill TNK up ~~RTU~~

Add 16g fluoride

0440 start Redh-BP2

0611 stop Redh-BP2

0700 End of shift



DATE 11/29/2021

c.N artimatu

1540	END OF SHIFT
------	--------------

WALAWA SWING SHIFT

29 NOV 2021

TIME	REMARKS
1500	B CALIMPONG ON SHIFT TANK LEVEL: SI/S2 36.0/36.0, REDHILL 26.7 CAMP SMITH 13.3, OCTAM 13.3, LLL 9.7
	PUMPS ON: WALAWA MP#1 AND #4, HALAWA MP#3 OCTAMS DEEPWELL AND BP#1 MOANALUA BP#1
	SECURED REDHILL MP#2 TURNED ON HALAWA MP#3 TURNED ON LLL DEEPWELL - CL2 0.00 RTU 42 COMM FAILURE
1530	F. GARRIA CALLED TO INFORM REDHILL MP#2 MUST NEVER BE TURNED ON PER R. KAWAMURA AND K WONG
1545	C NABIMATSU SIGN OUT K. WONG CALLED TO VERIFY TANK LEVEL SI/S2 AND TO CONFIRM WE RECEIVED MESSAGE ABOUT REDHILL MP#2
1555	T. NEHL CALLED STATING THEY ARE FLUSHING 12 FH FOR 4 HRS
1630	STATION CHECKS: CL2 1.0 NAF 0.63, ADD FLUORIDE CHLORINE TANK 330 GALS
1735	SECURED LLL DEEPWELL
1750	TAKE VIBRATION READING TURNED ON LLL DEEPWELL - CL2 0.000
1835	SECURED LLL DEEPWELL - CL2 0.00 NO CHANGE TRANSFERRED CHLORINE - CHLORINE TANK 660 GALS
1850	TURNED ON REDHILL BP#2 - RED HILL TANK 26.0 TURNED ON HALAWA BP#2 - CAMP SMITH 13.0
1945	T. NEHL AND TEAM ARRIVED TO TAKE WATER SAMPLE
2030	T. NEHL AND TEAM DONE WITH WATER SAMPLE
2105	SECURED REDHILL BP#2 - REDHILL TANK 28.7
2135	SECURED HALAWA BP#2 - CAMP SMITH 14.5
2300	END OF SHIFT



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

Waiana night shift

11/29/21

TIME

REMARKS

2300 B. Vogt

Waiana mp1 & 4 18.42 MG-D 67.3 ps  
Redhill off

Halawa mp3 11.44 MG-D 68.8 ps

NCTXNS off

Lualualei off

31/32 34.7 Redhill 28.3 Camp 51 14.0

NCTXNS 12.7 Lualualei 9.8

2300 Lualualei chlorine reading zero

0015 HA-W-LVL Well LVL 11.0

0028 HA-W-LVL Well Level 11.0

0238 stop HA-mp3 31/32 32.5 ft

Well Level alarm. Kept alarming

0302 start HA-mp3 31/32 32.1 ft

Well Level 11.8 ft

0500 31/32 Tanks 31.9 ft

Add 16g fluoride

0500 Halawa chlorine = 20 ppm

0700 End of shift



**DAILY LOG**  
14ND PWC 9-11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

DAY SHIFT

11/30/21

TIME

J. NATTO

REMARKS

730 STATUTORY CHECK - CL2 1.2, Not 72  
CHURCH TOWNS B<sup>+</sup> FULL, 2nd FULL

740 WAIKALA - MP#1 0/4 PSI 70.5 MAGD 18.0,  
RED HILL - PSI 28.9 CL2 .98, Not 55  
HALALA - MP#3 0/4 PSI 71.8 MAGD 4.2, CL2 .51, Not 39  
MOANA LIA - BP#1 0/4 PSI 71  
MCTAMS - BP#1 0/4 PSI 65.5

TANK LVL - S1 32.3 / S2 32.5, RH 26.8, CS 13.7  
MCTAMS 14, LLL 9.8

915 RTUX 20 ALARM KEEPS GOING OFF, NOTIFIED LEO ~~ALREADY~~

950 RED HILL - BP#2 0/4

1237 VIBRO-MAT CHECK

1240 HALALA - BP#1 0/4

1500 END SHIFT



## DAILY LOG

12ND PWC 9-11300/-41 (5-69)

SHEET NO

ACTIVITY

Waiawa 3rd Shift

DATE

11/3/21

TIME

REMARKS

2300

D. Paresse IN

- Waiawa MP 144 av 65psi 19.5LLKD  
CL 63 NAF. 52- HAWAII MP 3 av 65psi 4.4LLKD  
CL 20 NAF. 39

TANK LEVELS

SA 32.2 / RH. 27.1 / C.S. 13.9 / NCT 14.1 / LL 9.8

2400

CL 63 NAF. 52

0100

CL 65 NAF. 52

0200

CL 66 NAF. 52

0300

CL 67 NAF. 52

/ Add Fluoride

0400

CL 68 NAF. 52

/ 0425 START LL Deep Well (no chlorine in)

0500

CL 64 NAF. 52

0600

CL 63 NAF. 52

0700

D. Paresse OUT

ACTIVITY

Day shift

121, 121

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii



## 14ND PWC 9 113007-41 (5-69)

DATE

01 DEC 2021

### ACTIVITY

WATAWA GUILD SHIRT

NEICVP1463E01

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

DATE

12/1/21

ACTIVITY

Waianae 3rd Shift

TIME	REMARKS
2200	D. Paresse W
-	Waianae WUP 144 ON 66psi 19.6 LUGD CL. 32 NAT. 54
-	RH WUP OFF / B2 ON
-	Haleakala WUP 30V 67psi 4.5 LUGD CL. 53 NAT. 39
-	UL Well ON 32.7psi 29.9 LUGD CL 52
2400	CL 32 NAT. 54 / 2405 STOP RH B2
0100	CL 32 NAT. 53
0200	CL 32 NAT. 52
0300	CL 32 NAT. 51
0400	CL 32 NAT. 50 / Add Fluoride
0500	CL 32 (40 FT.) NAT. 50 / Check
0600	CL 32 NAT. 50
0700	D. Paresse out



## DAILY LOG

LAND PWC 9 11300, 41 (5-69)

SHEET NO

ACTIVITY

DATE

12/02/2021

C. Kim matsu

TIME	REMARKS
0700	<p>Day Shift</p> <p>S/S 28.3/28.4 PH 27.2 CS 13.0 NCTAMS 14.0 L<sup>3</sup>9.9</p> <p>Waiawa #1 &amp; #4 66.7 PSI 18.4 MAGD 0.32 CL2 0.50 NAF 13.5 well</p> <p>Halawa #3 68.9 PSI 4.50 MAGD 0.39 CL2 0.59 NAF 11.2 well</p> <p>LLL DW 32.7 PSI 0.298 MAGD 0.52 CL2</p> <p>BP Maunaloa #1 NCTAMS #1 Halawa #2</p>
1400	<p>C/S 32.1/32.1 PH 26.4 CS 14.2 NCTAMS 12.6 L<sup>3</sup>9.3</p> <p>Waiawa #1 &amp; #4</p> <p>Halawa #3</p> <p>Maunaloa #1 NCTAMS #1</p>
1415	<p>① CAMPING OLD SITE</p>
1500	<p>END OF SHIFT</p>
	<p>check well @ Waiawa</p> <p>wiped down hand rails to pump v.m. twice.</p> <p>check tank @ C.S.</p> <p>adjust CL2 injection pump @ Halawa.</p>

## DAILY LOG

JAW PWC 9 113007-11 (5-69)

ACTIVITY

SHEET NO

DATE

02 DEC 2021

## WAIMANA SWIDGE SHIFT

REMARKS

TIME

1500

B CALSHPOD ON SITE / C KARIMATU ASSISTING  
CONTRACTOR WITH WATER SAMPLES

TOUR LEVEL: 51/52 32.9 / 33.0 - PSI 72.7, MGD 17.8  
HAWAIIA BEDHILL 26.3, CAMP SMITH 14.1  
NCTMIS 13.4, LLL 9.8

PUMPS ON: WAIMANA MP#1 AND #4 - PSI 72.7, MGD 17.8  
HAWAIIA MP#3 - PSI 74.0, MGD 4.16  
HAWAIIA BP#1, NCTMIS BP#1

1700 STATION CHECKS: CL2 0.1 CAF 0.39, CHLORINE TANK 660 G

1720 TAKE VIBRATION READING

1750 TURNED ON BEDHILL BP#2 - BEDHILL TANK 25.9

1800 JACK KROON FROM AECOM CALLED TO TAKE SAMPLE

FOR HAWAIIA WELL @ 0900 TOMORROW

1950 SECURED BEDHILL BP#2 - BEDHILL 28.6

2200 HAWAIIA BP#1 ON KS 13.3

2210 ADD FLUORIDE

2300 END OF SHIFT



## DAILY LOG

LAND PWC 9 11300/41 (5-69)

SHEET NO

DATE

12/2/21

ACTIVITY

Waianae 3rd Shift

REMARKS

TIME

2300

D. Puresu W

- Waianae WUP 1+4 cu 66.7 MGD

CL 30 NAF. 47

- HAWAII WUP 302 67pi 4.5 MGD / HAWAII B2 der

CL 30 NAF. 39

- Tank Levels

SI 33.5 / RH 28.2 / CS. 13.6 / NKT 14.6 / LU 9.8

2400

CL 30 NAF. 46

0100

CL 30 NAF. 45

0200

CL 30 NAF. 44

0300

CL 30 NAF. 44

0400

CL 30 NAF. 44

0500

CL 32 NAF. 43 / 0530 START HAWAII B2

600

CL 30 NAF. 41

0700

D. Puresu der

## DAILY LOG

LAND PWC 9 11300-41 (5-69)

SHEET NO

ACTIVITY

DATE

12/3/21

DAY SHIFT

TIME	REMARKS
830	J. MAITO STATION CHECK - CC2 .4 Nat .42 CHLORINE TOTES 1st FULL 2nd FULL
900	WAIANA - MP#1 #4 OM PSI 70.7, MAG 17.9, RED HILL. PSI 28.8, CC2 .46, Nat .39 HACAWA - MP#3 OM, PSI 72.7, MAG 4.13, CC2 .93, Nat .39 MAHANA - P11 54, MOANA WAT DP#1 OM, PSI 70 MOANA - DP#1 OM, PSI 64.9, CCH .32, Nat .71  TANK LVS - S1 33.7' / S2 33.7', RH 27.1, CS 14.3' MOTAMS 13.7', LCC 9.8'
930	TAKE 9000 TO TAKE WATER SAMPLES.
1120	BACK
1345	HACAWA - MP#3 SECURED.
1430	WAIANA - MP#4 SECURED
1500	END SHIFT



# O.T.

SHEET NO

DAILY LOG  
LAND PWC 9 11300/41 (E-69)

DATE 12/3/21

ACTIVITY

Waianae 2nd shift

TIME

REMARKS

1500

D. Paresse

1/4

- Waianae MP 1 on 6psi 9.6 LLGO

CL 32 NAT. 39

- Army pumping C NAT 1.3 MGD

TANK LEVELS

31 36.5 / P.H. 25.9 / C.S. 13.6 / NAT 13.3 / LL 9.8

1530

START HAWAII MP 3

1600

CL 34 NAT. 31 / 1656 STOP (Secure) HAWAII MP 3 (per A.P.)

1659

LL chlorine dropout .03 / turning on Deep well

1700

CL 33 NAT. 31

1800

CL 32 NAT. 31

/ Add Fluoride

1900

CL 29 NAT. 31

/ 1919 START ~~CL~~ HAWAII B2

2000

CL 31 NAT. 41

2100

CL 31 NAT. 41

/ 2130 STOP P.H. B2

2200

CL 31 NAT. 41

2300

D. Paresse out

## DAILY LOG

14ND PWC 9 113007-11 (5-69)

SHEET NO

ACTIVITY

Waiana 3rd shift

DATE

12/3/21

TIME	REMARKS
2300	D. Power on / stop Hanaia B2
-	Waiana 114 on 67pi 1941160
-	CL 31 14.41
-	LL 114 on 32pi 30 1460 CL 55
	TANK LENS
	SA 33.7 / Rth. 29.9 / CS. 14.8 / 14.1 / 14.9
2400	CL 31 14.41
0100	CL 32 14.42
0200	CL 32 14.44
0300	CL 32 14.45
0400	CL 32 14.45
0500	CL 31 14.47 / Add Flange
0600	CL 32 14.47
0700	D. Power on



## DAILY LOG

14ND PWC 9 11300-41 (5-69)

SHEET NO

DATE 12/4/21

ACTIVITY

WAIANA Day

TIME	REMARKS
0700	1 GAREM IN 8HR OT
	WAIANA MP#1 #4 3,34.3
	LLL DW
	CHL 40 CHL#1 330 #2 1654
	FLU 56 ADD 1 BAG
	JORDAN N. IN FOR SAMPLING
0720	TAKE VIBES
0735	MP-B21-com RTU Comm FAIL
0805	MAK-GATE-com RTU Comm FAIL
0820	JORDAN N. OUT TO SAMPLE
1000	START RED HILL BP#2 / ALFRED P. IN TO ESCORT
	J. NEHL STARTED FLUSHING RED HILL
1215	SECURE RED HILL BP#2
1500	1 GAREM OUT

## DAILY LOG

AND PWC 9 11300741 (5-69)

SHEET NO

ACTIVITY

WAIAWA Swing

DATE

12/4/27

TIME

REMARKS

1500

GARENA In 8 HRS OT

WAIAWA MP#1 #4 S, 34.3 FT

LLL DW

CHL 40 CHL#1 330 #2 130

FIN 50

ADD 1 BAG

TAKE VIBES

ALFRED P. IN TO ESCORT

JORDAN N. IN FOR WATER SAMPLING

1525 START RED HILL BP#2

1725 SECURE RED HILL BP#2

1800 ALFRED P. / JORDAN N. OUT

1515 JOE NEHL / AECOM IN TO SAMPLE WATER

1815 JOE N. / AECOM OUT

2100 START CAMP SMITH BP#1

2300

GARENA OUT



## DAILY LOG

14ND PWC 9 11300/41 (5-59)

SHEET NO

ACTIVITY

Waiawa 3rd Shift

DATE

12/4/21

TIME	REMARKS
2300	D. Paveson in
-	Waiawa MP 1+4 on 69 psi 18.2 MG
	CL 31 NAT. 41
-	Well on 32 psi 29.4 MG CL 53
	Tank Levels
	SA 36.0 / Rtl 27.6 / CS 12.8 / NT 13.6 / LW 9.9
2400	CL 31 NAT. 41
0700	CL 34 NAT. 41
0200	CL 35 NAT. 41 / 0200 STOP Waiawa MP 4
0300	CL 36 NAT. 41
0400	CL 36 NAT. 41 / Add Fluoride
0500	CL 36 NAT. 41
0600	CL 36 NAT. 41 / 0616 MP R21 RTU alarm & started Waiawa MP 4
0700	D. Paveson out

## DAILY LOG

14ND PWC 9 11300, 41 (5-59)

SHEET NO

DATE

12 | 5 | 21

ACTIVITY

Waiawa Day

REMARKS

TIME

0700

1 Carua In

Waiawa MP#1 #4

S, 34.1 FT

LLL DW

CHL 40

CHL# 330 #2 80<sub>4</sub>

Fm 56

Add 1 Bag

A. Paulino In For WATER Sampling

0720

Take VIBES

0800

NAK-GATE-com

Rtn Comm Fail

0845

Out To Red Hill To Drop OPE A: Paulino Car Card

0930

Back In Plant

0945

J. NEUL To SECURE VALVE #10  
ON HICKAM ~~ROAD~~ BIKE PATH  
TO WEST LOCH

1225

SECURE LLL DW

1245

START Red Hill BP#2

/ SECURED AS PE A. Paulino

1300

SECURE Waiawa MP#4

1420

START LLL DW

1500

1 Carua Out



ACTIVITY

WAIANA SWING SHIFT

DATE

05 DEC 2021

TIME	REMARKS
0500	B CALHOUN ON SHIFT
	TANK LEVEL: S1/S2 35.6 / 35.6, REDHILL 25.9 CAMP SMITH 14.5, OCTANKS 14.0, LL 9.9
	PUMPS ON: WAIANA MP #1 - PSI 59.8, MED 9.67 MORDAKA BP #1, OCTANKS BP #1 LL DEEPWELL - PSI 32.5, MED 0.295
1505	TURNED ON WAIANA MP #4 - S1/S2 35.4 / 35.4
1530	NARVAL CPO CALLED TO VERIFY REQUIS POINT / PULLCA FEED
1635	STATION CHECKS: CL2 0.4 NAF 0.69, ADD FLUORIDE CHLORINE TANK 385 GAL
1740	R. KAWAMURA CALLED FOR A PUMINO TO LOGO REDHILL MAIN PUMPS
1750	TAKE VIBRATION READING
1800	MAKALAPA GATE RTU 45 FAILURE
1900	TURNED OFF LL DEEPWELL - LL TANK 9.9, CL2 0.5
1920	MERRY POINT METER RTU 21 FAILURE
2050	J DEHL CALLED TO INFORM 7 HYDRANT ARE BEING FLUSHED UNTIL 12 PM
2110	TURNED ON REDHILL BP#2 - REDHILL TANK 25.3
2125	A PUMINO SIGN OUT
2145	TURNED ON LL DEEPWELL - LL TANK CL2 0.04
2300	END OF SHIFT

Waiana night shift

12/15/21

TIME	REMARKS
2300	R. Vogt
	Waiana npl #4 18.18 MED 70 PSI
	Redhill off
	Halawa off
	NCTAMS off
	Kualaiei npl on
	Waiana chlorine 25 ppm
	31/52 36.1 Redhill 27.7 camp sn 14.1
	NCTAMS 13.6 LLL 9.9
2322	stop LL-DW-npl
0016	NAK-Gate-com RTU com fail
0019	np-R21-com RTU com fail
0048	st-R33-com RTU com fail
0118	HT-D4-R42-c RTU com fail
0121	stop Waia-np4 31/52 37ft
0421	start Waia-np4 31/52 35.7ft
0515	start Redh-BP2
0104	LL-260-CHL-Res chlorine-Res 08ppm
	Alarm
0535	stop Redh-BP2
0633	start LL-DW-npl
0700	<del>Back at shift</del>
0700	continue Day shift until Flynn comes in
0906	stop Waiana np4 31/52 37ft
0930	Halawa Both booster pumps not working called Alfred, Chris is checking it Halawa-chris reset booster pumps
0954	start HA-BP1
1002	Flynn arrived at Waiana, End of shift



## DAILY LOG

14ND PWC 9 11300-41 (5-69)

SHEET NO

ACTIVITY

WAIMA SWING SHIFT

DATE

06 DEC 2021

TIME	REMARKS
1500	B CALMPOOL
	TRUCK LEVEL: SI/S2 36.1/36.0, REDHILL 28.1
	CAMP SMITH 14.4, NCTAMS 13.2, LL 9.8
	PUMPS ON: WAIMA MP#1 - PSI 61.8, MGD 9.64
	MOANAI BP#1, NCTAMS BP#1
1505	DIMITZ METER RTU 40 FAILURE
1540	TURNOFF WAIMA MP#4 - SI/S2 35.8/35.7
	TURNOFF LL DEEPWELL - LL TRK CL2 0.04
1600	SALTCAKE CHURN BATTERY VOLTAGE ALARM 10.40V
1615	TURNOFF REDHILL BP#2 FOR A. PAULINO
1630	SECURED REDHILL BP#2
1635	STATION CHECKS: CL2 0.5 NAF 0.6, CHLORINE TRK 660 GPM
1745	CALLED A. PAULINO BOOSTER PUMP DISCHARGE NCTAMS
	18.1 - BOOSTER PUMP OFF
1750	FIRE PUMP (NCTAMS) ON, A. PAULINO HEADS UP TO NCTAMS
1805	CALLED CDO TO INFORM HIM ABOUT SITUATION IN NCTAMS
1820	SECURED WAIMA MP#4 - SI/S2 37.1/36.7
1845	TAKE VIBRATION READING
1850	NCTAMS FIRE PUMP STOPPED
1910	A. PAULINO CALLED TO VERIFY NCTAMS BP#1 AND
	FIRE PUMP OFF - ISSUES CAUSED DUE TO POWER BUMP
1915	CALLED CDO TO GIVE UPDATE ON NCTAMS SITUATION
1930	TURNOFF WAIMA MP#4 - SI/S2 36.5/36.1
	SECURED LL DEEPWELL - LL TRK 9.9 CL2 0.79
	DIMITZ METER RTU 40 FAILURE
2000	ADD FLUORIDE
2020	LL B260 RTU FAILURE
2035	RTU <sup>22</sup> BACK ON SERVICE
2040	SECURED WAIMA MP#4 - SI/S2 36.9/36.4
2110	LL B413 RTU 26 FAILURE
2115	RTU 26 BACK ON SERVICE
2235	TURNOFF WAIMA MP#4 - SI/S2 36.1/35.4
2300	END OF SHIFT

## DAILY LOG

14ND PWC 9 113007-11 (5-69)

SHEET NO

ACTIVITY

DATE

Waiana night shift

12/6/21

TIME	REMARKS
2300	En Voyt
	Waiana mp1 PM 18:15 NGD 69.8 psl
	Redhill off
	Halawa off
	NCTANS off
	Lualualei off
	51 36.2 32 35.4 Redhill 27.5
	camp 5M 14.1 NCTANS 14.1 LLL 9.9
2250	Redhill communication went down
2259	PHWR-RP Redhill RP Noping Alarm
	T-1 line down, switch to radio, Redhill station comm up on radio
2308	NC-N2-PRS-ALM Repeat ALM LO Alarm
1222	Redhill station communication down on radio
1224	Redhill station comm up
0336	stop Waia-mp4 51 37.1 52 36.2
0343	start Waia-mp4 51 35.6 52 34.8
0401	SL-2H-PRS Pressure 0.0 LO Alarm
0413	MF-R40-com RTU comm fail
0414	MAK-Gate-com RTU comm fail
0418	mp-21-com RTU comm fail
	Add lbs fluoride
0431	start Redh-BP2
	Received lots of alarms at NCTANS meter
	RTU 19 because of low pressure 50.7 psl
0445	HK-PC-R36-com RTU comm fail
0625	stop Redh-BP2
0622	Halawa communication went down
0634	PHWR-20-I Halawa Noping, Halawa on radio
0637	start HA-BP1
0700	End of shift



## 14ND PWG 9 113007-11 (5-69)

DATE \_\_\_\_\_

## ACTIVITY

Day shift

DATE 12/7/21

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii

## DAILY LOG

14ND PWG 9 11300741 (5-69)

SHEET NO

ACTIVITY

DATE

COMMAND SUCING SHIFT

07 DEC 2021

TIME	REMARKS
1500	B CALMPDGT ON SHIFT TANK LEVEL: S1/S2 36.8/36.8, REDHILL 27.6 CHAMP SMITH 13.7, PCBM 13.8, LLL 9.8 PUMPS ON HALAWA MP#1 - PSI 60.8, ADD 9.5 MOADAMA BP#1, PCBM BP#1
1535	MINUTZ BDC-4 BATTERY VOLTAGE 11.40 ALARM
1640	L. HAMILL CALLED TO GUIDE ME TO TROUBLE SHOOT T-1 LINE (HALAWA AND REDHILL T-1 BACK IN SERVICE)
1650	STATION CHECKS: CC2 C.2 DAE C.6.5, CHCLINE TANK 430GM
1700	CALLED AIT T TO CHECK TUBET FOR HALAWA AND REDHILL T-1 LINE FOR L. HAMILL
1710	TURNOED ON HALAWA MP#4 - S1/S2 35.3/35.3
1805	HICKAM PORTER AVE RTU 30 FAILURE
1815	MERRY POINT MOTOR RTU 21 FAILURE
2000	ADDED FLUORIDE
2025	TAKE VIBRATION READING
2140	TURNOED ON HALAWA BP#2 - CHAMP SMITH 13.2
2240	SECURED HALAWA MP#4 - S1/S2 36.8/36.8
2300	END OF SHIFT



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

Waianae 3rd shift

DATE

12/7/21

TIME	REMARKS
2300	D. Paveson in
-	Waianae WIP 1 on 61px 9.61146D
	CL 41 NAF. 58
-	HALAWA B2 on
	TANK LINES
	ST 34.7 / RH 24.7 / CS 13.9 / NT 13.7 / LL 9.9
2400	CL 41 NAF. 58 / 2448 STOP HALAWA B2
0100	CL 42 NAF. 57
0200	CL 44 NAF. 57
0300	CL 46 NAF. 56
0400	CL 49 NAF. 56 / 0437 START WAHIAWA WIP 4, HALAWA B2 / RH B2
0500	CL 43 NAF. 56
0600	CL 43 NAF. 56 / 0605 STOP HALAWA B2 / 0620 STOP RH B2
0700	D. Paveson OUT

## 14ND PWC 9 11300741 (E-69)

DATE \_\_\_\_\_

(2/08/2021)

### ACTIVITY

c. Nanimatsu

TIME	Day shift	REMARKS
0730	S1/S2 34.3/34.4 RH 28.6 C.S 14.5 NCTAMS 13.9 L3 9.8 Waiawa #1 & #4 69.5 PSI 18.1 MGD 0.43 CL2 0.58 NaF 14.8 well BP Moanalua #1 NCTAMS #1 Waiawa: CL2 0.52 — 0.50 NaF 0.60 0.66 0.58 Adjusted stroke on CL2 pump +2. - Roof patched/fixed @ Halawa station - Halawa low CL2 alarm 12:02 pm	
1230	S1/S2 36.2/36.2 RH 28.0 C.S 14.1 NCTAMS 13.9 L3 9.7 Waiawa #1 & #4 69.5 PSI 18.1 MGD 0.43 CL2 0.64 NaF 14.3 well BP Moanalua #1 NCTAMS #1 - Left to help close valves @ RH station.	
	- sweep hallway & control room. - clean camera lens on CAM 3. - received 2 CL2 tests	



## 14ND PWC 9 113007-41 (5-69)

DATE \_\_\_\_\_

## ACTIVITY

TIME

REMARKS

TANK LEVEL: S1/S2 35.2/35.1, PED HCU 27.6  
CAMP SMITH 13.8, OCTAMS HCU, LCL 9.7  
PUMPS OD: ODAWA MP#1, PSI 60.6, MOD 9.6  
MOBILWA BP#1, OCTAMS BP#1

1550 CHAD FROM CIO PICKED UP MEDIA CONVERTER FROM  
LUNAMILL OFFICE

1915 HICKAM PORTER AVE RTU 36 COMM FAILURE

1945	STATION CHECKS. CL2 0.4 WAF 0.51, ADD FLUORIDE CHLORINE TANK 495 GALS, REPLACED TBD OLD CHLORINE PUMP
------	---

2125 TURNED ON HALLWAY BP #2 - CAMP SMITH 13.2

2250 9BCMRD W418W2 MP#4 - 51/52 36.7/36.8

2300	END OF SHIFT
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## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

Waianae 3rd Shift

DATE

12/8/21

TIME

REMARKS

2300

D. Paresa on

- Waianae MP 1 on / O/pj 9.6 1460  
CL 70 NAF 47

- Hanaia B2 on

TANK LINES

SA 36.6 / RH 26.6 / CS 14.1 / NCT 14.0 / LL 9.7

2400

CL 70 NAF 47 / 2433 STOP HANAIA B2

0100

CL 74 NAF 46

0200

CL 70 NAF 46

0300

CL 80 NAF 45

0400

CL 82 NAF 45 / START HANAIA MP 4

0500

CL 82 NAF 43

0600

CL 74 NAF 43 / START HANAIA RH B2

0700

D. Paresa on



## 14ND PWC 9 113007-11 (5-69)

DATE \_\_\_\_\_

DATE 12/9/21

### ACTIVITY

DAY SEVEN

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii

## 14ND PWC 9 11300/41 (5-69)

DATE \_\_\_\_\_

### ACTIVITY

TIME

REMARKS

2300	END OF SHIFT
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## DAILY LOG

14ND PWC 9 113007-11 (5-60)

SHEET NO

ACTIVITY

Waiana 3rd shift

DATE

12/9/21

TIME

REMARKS

2300

D. Paresa W

- Waiana LLP H/L ON 69psi 19.2 LUGO  
CL 56 NAF 58

TANK LEVELS

SI 35.1 / RH. 24.4 / C-S 13.9 / NAF 13.3 / LLL 9.9

2400

CL 57 NAF 58

0100

CL 60 NAF 58

0200

CL 60 NAF 60

0300

CL 62 NAF 60

0400

CL 62 NAF 60

/ Add Fluoride

0500

CL 64 NAF 60

0600

CL 76 NAF 58

0700

D. Paresa 0267

14ND PWC 9 11300/41 (5-69)

DATE \_\_\_\_\_

12/10/21

### ACTIVITY

Day Shift

NEICVP1463E01



14ND PWC 9 113007-41 (5-69)

DATE \_\_\_\_\_

12/10/21

### ACTIVITY

SLIM6 SHIF7

TIME	REMARKS
	J. NAITO
1525	WAIKAWA - MP #1 ON, PSI 61.3, MOD 9.6, CU2 1.81, Nat. JB RED HILL - PSI 29.7, CU2 .27 Nat. JB, <del>HAKARANGA</del> MOKUAUUA - PP #1 ON, PSI 74. MOKUAUUA - PP #1 ON, PSI 65
	TANK CUS - S1 36' / S2 36', R4 27.5' CS 14.9' MOKUAUUA 13.7', CUU 9.8'
1530	STATION CHECK. FILL UP CHLORINE TOWERS 1st FULL 2nd 275 GAL
1633	WAIKAWA - MP #4 ON.
1650	HEAD DOWN TO PUMP RM
1700	CHRS LEFT.
1910	WAIKAWA - MP #4 SECURED.
2100	NI-BY - PATREY LO ALARM.
2200	VIBRATION CHECK.
2210	WAIKAWA - MP #4 ON.
2230	WAIKAWA FORWARD FLOW HI (RTU 31)
2300	END SHIFT

14ND PWC 9 113007-41 (5-69)

DATE 12/10/21

**ACTIVITY**

Waikawa 3rd shift

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii



14ND PWC 9 11300/41 (15-69)

DATE \_\_\_\_\_

ACTIVITY

## DAYSHIP

DATE 11 DEC 21

1500

## DAILY LOG

14ND PWC 9 113007-11 (5-69)

SHEET NO

ACTIVITY

DATE

Waianae Swing shift

12/11/21

TIME

REMARKS

1500 B. Vgt

Waianae m/p 9.60 MG-D 62.1 PSE

Redhill off

Halawa off

NCTANS off

Lualualei off

SI/52 36.2 Redhill 27.7 Camp SA 14.2

NCTANS 13.1 LLL 9.8

1639 Start Waia-m/p4 SI/52 35.5 ft

1706 Stop Waia-m/p4 it showed only 10.50 MG-D

1720 Restart Waia-m/p4 SI/52 35.3 ft

no MG-D flow from pump m/

1742 Stop Waia-m/p4 PCV Valve not closing  
all the way, Leon, Ardy and Flynn Troubleshooting

2005 SI/52 34 ft

2010 Start HA-BP2

2105 Redh-BP2 remove LOTO Start Redhill booster  
pump

2153 Stop HA-BP2

2209 Stop Redh-BP2

2300 Leon, Ardy, Flynn Troubleshooting Waia-  
m/p4 no flow

End of shift



## DAILY LOG

14ND PWC 9 11300741 (5-69)

SHEET NO

ACTIVITY

Waiaua 3rd shift

DATE

12/11/21

TIME

REMARKS

2300

D. Parker in \* FG, LH, AN. in working on Waiaua WUP 4 pa  
 - Waiaua WUP 1 + 4 on (10.5V) (69.5)  
 - TANK LOGS

SL 32.3 / R.H. 28.5 / C.S. 14.7 / MT 14.9 / LU 9.8

0240

CL 64 N+F. 54

0300

CL 64 N+F. 54

0300

CL 64 N+F. 54

0330

CL 64 N+F. 54

0400

CL 64 N+F. 54

0500

CL 66 N+F. 54

0600

CL 66 N+F. 54

0700

D. Parker on

12 Dec 2015

WATAWA DAY SHIFT

Joint Base Pearl Harbor-Hickam Public Water System  
Pearl Harbor, Hawaii



ACTIVITY

DATE

WAIANA SWIRE SHIFT

12 DEC 20.

TIME

REMARKS

1500

B CALIMPORA, C NARIMATSU, A PAULJO  
ON BOARD

TRUCK LEVEL: S1/S2 25.9/26.0, REDHILL 2  
CAMP SMITH 13.9, OCTAMS 14.0, LLL  
PUMPS ON: WAIANA MP#1, MOANALUA BP#1  
OCTAMS BP#1

1755

TURNOED ON MP#4 WAIANA - PSI 66.9, MHD

1810

SECURED WAIANA MP#4 FOR TEST PURPOSE

1820

TURNOED ON WAIANA MP#4 - PSI 66.1, MHD

1850

WAIANU METER FWD FLOW 8.510 HI ALARM

1930

TAKE VIBRATION READING

2005

STATION CHECKS: CL2 0.7 NAF 0.49, ADD FLUOR  
CHLORINE TANK 400 GALS

2300

END OF SHIFT

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

Waianae night shift

12/12/21

TIME

REMARKS

2300 E. Vogt

Waianae mpl  $\Phi$  4 18.36 MG-D 68.1 p

Redhill off

Halawa off

NCTXMS off

Lualualei off

31/52 28.2 ft Redhill 26.5 camp SA

NCTXMS 14.3 LLL 9.8

2308 start Redhill-BP2

2328 WK-FLW FWD Flow 8.66 HP Aka

0020 stop Redh-BP2

0501 start Redh-BP2

0556 stop Redh-BP2

0630 start ~~Redh~~ HA-BP1

0700 End of shift



## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

WAIANA SWING SHIFT

13 DEC 2021

TIME

REMARKS

1500 B CALIMPORE ON SHIFT  
 DUCK LEVEL: S1/S2 36.3/36.3, RED HILL 27.9  
 CAMP SMITH 14.8, NORMS 14.2, ULL 9.8  
 PUMPS ON: WAIANA MP#1 - PSI 61.8, MUD 9.621  
 MONTELLA BP#1 - Suction 31 PSI, DISCHARGE 74  
 NORMS BP#1 - Suction 13.8, DISCHARGE 65.4

1720 TURNED ON WAIANA MP#4 - S1/S2 35.1/35.2

1750 STATION CHECKS: CL2 0.7 NAF 0.31, CHLORINE 660 GPM

1856 TAKE VIBRATION READING

2105 SECURED WAIANA MP#4 - S1/S2 36.7/36.7

2150 ADD FLUORIDE

2300 END OF SHIFT

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

Waianae night shift

12/13/21

TIME

REMARKS

2300 E. Vogt

Waianae NPI 9.64 MGD 61.5 PSI

Redhill off

Halawa off

NCTANS off

Lualualei off

SI/52 35.7 Redhill 22.1 Camp 51 14.4

NCTANS 13.3 LLL 9.8

2312 NE-B4-R42-com RTU-communic fail

0040 Start Waia-NP4 SI/52 35 ft

0150 NE-B4-R42-com RTU comm fail

0355 Stop Waia-NP4 SI/52 37.1 ft

0415 Start Redh-BP2

Add 1 kg fluoride

0529 Stop Redh-BP2

0700 End of shift



## DAILY LOG

14ND PWC 9-11300/41 (5-69)

SHEET NO

ACTIVITY

C. Nanimatsu

DATE

12/14/2021

TIME

Day Shift

REMARKS

0730 SI/S2 34.8/34.8 RH 28.6 CS 12.8 NCTAMS 13.7 LLL 9.8  
 Waiawa #1 61.2 PSI 9.67 MG/D 0.70 CL2 0.56 NaF 18.4 well  
 BP Moanalua #1 NCTAMS #1

0800 Waiawa #4 on SI/S2 34.7/34.7  
 Waiawa CL2 0.80 — 0.70  
 NaF 0.56 0.54 0.50

SI/S2 35.1/35.1 RH 27.9 CS 13.8 NCTAMS 14.3 LLL 9.7  
 Waiawa #4 60.6 PSI 9.64 MG/D 0.72 CL2 0.58 NaF 18.1 well  
 BP Moanalua #1 NCTAMS #1

- Remove MP #3 & put on "space" pump.

## DAILY LOG

14ND PWC 9-11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

WAIANA 90108 SHIFT

14 DEC 2002

TIME

REMARKS

1500

B CALIMPODE ON SHIFT

TANK LEVEL: S1/S2 34.6/34.6, REDHILL 27.8

CAMP SMITH 13.2, DETAMS 14.0, U

PUMPS ON: WAIANA MP#1 - PSI 60.0, MGD 9.6

MOKAUA BP#1 - SUCTION 30 PSI, DISCH

DETAMS BP#1 - SUCTION 14.1, DISCHARGE

1530

TURNED ON WAIANA MP#4

TURNED ON HALAWA BP#2 - CAMP SMITH 13.2

1700

F GARCA CALLED STATING REDHILL BOOSTER I

SHOULD REMAIN SHUT FROM 0600 - 2100 DAILY

1730

TANK VIBRATION READING

1800

STATION CHECKS: CL2 0.7 WAF 0.35, CHLORINE 4

1815

SECURED HALAWA BP#2 - CAMP SMITH 14.5

1920

ADDED FLUORIDE, TRANSFERRED REMAINING CHL

CHLORINE TANK 660 GALS

2045

SECURED WAIANA MP#4 - S1/S2 36.8/36.8

2300

END OF SHIFT



Waianae 3rd Shift

12/14/21

TIME

REMARKS

2300

D. Pargen N  
- Waianae MP 1 on GPM 9.6 MGD  
CL 68 NTF 54

TANK LEVELS

S1 35.3 / PH. 27.1 / C.S. 14.4 / N4 13.9 / LL 9.7

2320

Waianae-MP4-PCV-STPRT PCV OPEN/FALL TRIP, went down to pump room and tried to reset but not working (TANKS @ 35.2) will try to reset when tank drops.

2400

CL 68 NTF 54

2700

CL 67 NTF 54

2800

CL 72 NTF 54 / tried to reset swinggear RTU & Pump room but didn't take, went back down and played with Purge valve micro switches and alarm reset, had to put cardboard between bulb and top micro switch and started MP 4 manually

TANKS @ 33.9

0300

CL 60 NTF 54

0400

CL 60 NTF 54 / Added Fluoride

0500

CL 62 NTF 54

0600

CL 62 NTF 54

0700

D. Pargen out

## DAILY LOG

14ND PWC 9-11300/41 (5-69)

SHEET NO

ACTIVITY

DAY SHIFT

DATE

12/15/21

TIME

J. NAITO

REMARKS

735 WAIANA - MP #1 ON, PSI 61.8, MAG 9.5, CL2 .60, Nat .54

~~WAIANA~~ MOANA WAI - MP #1 ON, PSI 74

NOTAMS - MP #1, PSI - 65.2, CL2 .78, Nat .75

ULL - CL2 .85

TANK CULS - S1 36.4 / S2 36.3, RA 26.3, CS 13.8

NOTAMS 13.6, ULL 9.5

815 STATION CHECK, CL2 .7, Nat .67

CHLORINE TOTES 15+ 20, 2nd FULL.

940 HEADED DOWN TO PUMP RM.

1020 RACK.

1500 END SHIFT.



TIME	REMARKS
1500	B CALIMPOUT ON SHIFT TANK LEVEL: S1/S2 33.3/33.2, REDHILL 25.6 CAMP SMITH 13.3, OCTAMS 13.0, LL 9.4 PUMPS ON: WAIANA MP#1 - PSI 60.4, MGD 9.6 MOANALUA BP#1 - SUCTION 29 PSI, DISCHARGE 72 OCTAMS BP#1 - SUCTION 13.5, DISCHARGE 65.1
1520	TURBED ON WAIANA BP#2 - CAMP SMITH 13.2 TURBED ON LL DEEPWELL - LL TANK 9.4
1540	STATION CHECKS: CL2 0.7 NAF 0.36, CHLORINE TANK
1600	RECEIVED CHLORINE FROM BE1 (DUE TOFB)
1720	A PAULINO BACK FROM REDHILL (RED HILL BP#2 TURBED DO ACCIDENTALLY)
1740	TAKE VIBRATION READINGS
1810	SECURED WAIANA BP#2 - CAMP SMITH 14.5
2005	ADDED FLUORIDE
2040	TURBED ON WAIANA MP#4 - S1/S2 30.1/30.2
2105	SECURED LL DEEPWELL - LL TANK 9.8
2125	UNTURBED REDHILL BP#2 AND TURBED ON PUMP REDHILL TANK 25.0
2300	END OF SHIFT

ACTIVITY

Waianae 3rd Shift

DATE

12/15/21

TIME

REMARKS

2300 D. Parker in  
- Wriauz MP 14 oz 67ps 1921460  
CL. 62 NAT. 56  
- RH B2 ON  
TANK LEVELS  
ST 31.4 / RH. 27.6 / CS. 14.3 / NET 14.2 / LL 9.8  
2400 CL. 62 NAT. 56 / 2400 STOP RH B2  
0700 CL 62 NAT. 56  
0800 CL. 61 NAT. 55  
0900 CL. 60 NAT. 54  
0900 CL. 60 NAT. 54 / Add Fluoride  
0900 CL. 60 NAT. 54 / 0900 TAGED OUT RH B2 5327 @ 28.5  
0900 CL. 62 NAT. 54  
  
0700 D. Parker OUT



ACTIVITY

DAY SHIFT

DATE

12/16/21

TIME	J. MATTO	REMARKS
730	STATION CHECK - CC2 .7, Nat .56	
		CITIZING TOTES 15' 275, 229 FULL
	WAWA - MP#1, #4 OM, PSI 69.8, M60 18.0	
	MOAUA - BP #1 OM, PSI 75	
	MOAUA - BP #1 OM, PSI 61.2	
	TANK CULS - S1 36.4' / S2 36.4', RH 28.1', OS 13.8'	
	MOAUA 14.3', CUL 9.8'	
735	VIBRATION CHECK	
745	WENT DOWN TO PUMP RM TO TURN OF MP#4.	
1400	WENT DOWN TO HELP KAMMID	
1600	END SHIFT 1 HR OT	

Waiawa swing shift

12/16/21

TIME

REMARKS

1500 Iz. Vogt & Ben Calimpang

Waiawa MP1 9.70 MGD 59.5 PSI

Redhill off

Halawa off

NETXNS off

Kualalei off

51/52 32.7 Redhill 27.3 Camp SM 13.2

NETXNS 13.5 LLL 9.5

1527 start Waiawa-MP4 51/52 32.7 ft

1600 start LH-DW-MP1

1731 start HA-BP2

Add 1 lb fluoride

2115 stop HA-BP2

2116 start Redh-BP2

2200 stop LH-DW-MP1

Redhill booster pump not working

the MGD will rise and then drop to zero and the booster pump won't run and then shut down and then come back on

2300 ~~Ben Vogt~~ End of shift



ACTIVITY

Waianae 3rd Shift

DATE

12/16/21

TIME

REMARKS

2300

D. Parson in

- Waianae MP 144 on 71psi 18.0 MGD  
 a. 60 NAF. 64

- TANK LEVELS

SI 36.3 / Rtl 26.7 / CS. 14.8 / MT 14.7 / LL 9.5

2325

TAG OUT Rtl B2

2400

CL. 60 NAF. 64 / 2419 STOP Waianae MP4

0100

CL. 62 NAF. 63

0200

CL. 63 NAF. 63

0300

CL. 64 NAF. 60 / Added Fluoride

0400

CL. 60 NAF. 60

0500

CL. 64 NAF. 60

0600

CL. 64 NAF. 60

0700

D. Parson out

ND PWC 9 11300/41 (5-69)

DATE \_\_\_\_\_

c. Narimatsu

12/17/2021

- Sweep hallway area.
- move CL2 tubes back
- open gates for grass cutters.
- receive CL2 & NaF



Waianaa swing shift

12/17/21

TIME

REMARKS

1520 E. Vgt

Waianaa MPI #4 117.97 MGD

Redhill off

Halawa off

NCT&MS off

Lualualei off

51/32 36 Redhill 24.2 camp SN 13.7

NCT&MS 13.9 LLL 9.4

1517 start LL-DW-MPI-35

1550 LL-TK-R41-com RTU comm alarm

1538 LL-2113-R26-com RTU comm alarm

1552 LL-DW-R23-com RTU comm alarm

Polled RTU sites at LLL. ~~RTU's~~ RTU's up

1718 stop waia-MPI4 31/52 37.2 ft

2004 start HA-BP2

2101 start Redh-BP2 — Lockout REMOVED

2216 start waia-MPI4 31/32 33.9 ft

2218 stop LL-DW-MPI

2237 stop HA-BP2

2300 End of shift

DATE  
17 DEC 21

ACTIVITY

2<sup>ND</sup> SHIFT

REMARKS

TIME	REMARKS
1200	A. PERMILAN oil shift for D. PARSZA. 8 hrs. OT
	WALAW MP#1, #1 out - 10.0 PSI, 1B, 2MAD, CUL TK 420 GAL, CUL .80, FIL .50
	MOONBLK BOOSTER #1 out - suction 30 PSI, DISCHARGE 74 PSI
	NOVAMS BOOSTER #1 out - suction 13.0 PSI, DISCHARGE 105.1 PSI
	REDLINE BOOSTER #2 out .79 MAG
	TANK LEVELS: 21/SU-340/340, RECHIN-210.5, CP. SMITH-14.10,
	NOVAMS: 13.0, LUALABA-9.8
	CHECKED SYSTEM, ADDED 1 BAG FLUORIDE, CHECKED PUMP ROOM
1200	MEET KNOV
0145	SECURE REDLINE BOOSTER
0300	VIBRATION READINGS TAKEN
0325	SECURED WATGWT MP 9 TANK 36.5
0515	STARTED HALANE BOOSTER #2 TANK 14.9
0515	SECURED HALANE BOOSTER #2
	LOTO OUT ON REDLINE BOOSTER #2 - DIVERS IN WELL
0700	END 1 <sup>ST</sup> SHIFT



## ACTIVITY

DATE	12	18	21
------	----	----	----

# Waisun Day

TIME

REMARKS

၀၇၀၇

4 Changes in

SHR OT.

Wardens MP#1

$$\therefore 35.4 \text{ pt}$$

CHC # ( 330

#2 320,11

CHL 70

Flu 142

Adn 1 Bn

# TAKE VIBES

LEON H & Andy M. IN 1 working on MP3

7816

SPRINT WARRANGA MP# 4

1100

SECURE MP #4

1500

1 Garcia Out

Waiaua swing shift

12/18/21

TIME

REMARKS

1500 B. Vost

Waiaua npi 9.68 NG-D 60.7 pSL

Redhill off

Halawa off

NeTXNS off

Lualualei off

51/52 34.3 Redhill 27.8 camp sm 14.1

NeTXNS 13.5 LLL 9.5

1525 Start LL-DW-npi-ss

1645 Start Waiu-npi 51/52 33.5 ft

Add 1 bag fluoride

2131 Remove LOTO and start Redhill Res

2241 Stop Redh-BP2 TAG LOTO

Filled chlorine Tanks

2300 End of shift

1700 Leon & Andy left Waiaua

Leon has his LOTO on pump 3 Waiu



ACTIVITY

Waiawa night shift

DATE

12/18/21

TIME

REMARKS

2300 E-Vogt

Waiawa mpl 44 18.12 MGD 70.5 ps

Rdhill off

Halawa off

NCTXNS off

Lualualei mpl on

51/32 35.8 Rdhill 28.7 camp 5M

NCTXNS 14 LLL 9.9

2303 stop Lh-DW-mpl-55

Add fluoride

0120 stop waia-mpl m

0341 power bump, shut down mpl waia

0347 start Waiawa mpl 51/32 35.8

Small generator started; but after

15 min generator shut off

0355 Re-started waia-mpl because the

switch gear tripped from the power b

0400 Waiawa mpl 44 online, running good

0700 End of shift

WAIANA DAY SHIFT

19 DEC 2021

TIME	REMARKS
0700	B CALIMPONIA ON SHIFT - C NARIMATSU / G CARAN ON BOARD TANK LEVEL: S1/S2 36.8 / 36.7, REDHILL 27.9 CAMP SMITH 13.8, OCTAMS 13.3, LL 9.7 PUMPS ON: WAIANA MP#1 - 61.1 PSI, MID 9.58 MOAPALUA BP#1, OCTAMS BP#1
0810	MOSES P FROM PP#2 WATCH OFFICE CALLED MONANA STATION'S GATE IS REPORTED OPEN BY A CIVILIAN
0820	STATION CHECKS: CL2 0.2 VAF 0.54, CHLORINE 330 GALS
0825	HEADING OUT TO MONANA TO SECURE GATE
0900	BACK FROM MONANA
0950	WAIANA X51 VIBRATION ALARM
0955	TAKE VIBRATION READING
1240	TURNOED ON WAIANA MP#4 - S1/S2 34.3 / 34.3
1445	C NARIMATSU / G CARAN OUT
1500	END OF SHIFT



ACTIVITY

WAIANA SWING SHIFT

DATE

19 DEC 2021

TIME	REMARKS
1500	B CAMPPOD ON SHIFT TANK LEVEL: S1/S2 35.6/35.6, BOD HILL 27.3 CAMP SMITH 13.6, NCTAMS 14.7, LCL 9.6
	PUMPS ON: WAIANA MP#1 AND #4 - PSI 69.5, MID 18.15 MOANALUA BP#1 - SUCTION 31 PSI, DISCHARGE 75 NCTAMS MP#1 - SUCTION 14.5, DISCHARGE 65.3
1550	TAKE VIBRATION READING
1710	SECURED WAIANA MP#4 - S1/S2 36.7/36.7
1845	STATION CHECKS: CL2 0.71 NAF 0.57, ADD FLUORIDE TRANSPORBED REMAINING CHLORINE - CHLORINE 630 GAL
2110	NIMITZ BLDG 4 RTU 42 COMM FAILURE TURNED ON WAIANA MP#4 - S1/S2 34.1/34.1 NIMITZ BLDG 4 RTU 42 BACK ON LINE
2250	TURNED ON WAIANA BP#2 - CAMP SMITH 13.3
2300	END OF SHIFT

ACTIVITY

Waiawa night shift

DATE

12/19/21

TIME

REMARKS

2300 En Vest

Waiawa mpl # 4 18.18 mcd 70.3 psl  
Redhill off  
Halawa off  
NCTANS off  
Lualualei off

51/32 34.8 Redhill 26.6 camp sn 13.3  
NCTANS 14 LLL 9.5

0241 start LL-DW-mpl LLL Tank Level 8.9ft

0252 stop HA-BP1

0332 stop Waiawa-mpl 51/32 37.1 ft

0333 Lualualei Tank LVL 8.4ft

0347 called Alfred about LLL Tank Level 8.3

0349 called CDO need to bring in pipe fitters

0355 called emergency desk for Lualualei

0410 Lualualei Tank Level 8.1

0425 LLL Tank LVL 8.0ft

0434 start Redh-BP2 Removed LOTO

0440 LLL Tank LVL 7.8ft

0455 LLL Tank 7.6ft

0513 LLL Tank 7.5ft

0530 LLL Tank 7.3ft

0547 LLL Tank 7.1ft

0605 LLL Tank 7.0ft

0624 LLL Tank 6.8ft

0629 stop Redh-BP2

0640 LLL Tank 6.6ft

0655 LLL Tank 6.6ft

0700 End of shift



ACTIVITY

WAIANA SWIDE SHIFT

DATE

20 DEC 2021

TIME

REMARKS

1500 B CAMPONIA ON SHIFT  
 TANK LEVEL: S1/S2 36.0/36.0 REDHILL 24.8  
 CAMP SMITH 19.0, OCTAMS 14.0, LLL 3.7  
 PUMPS ON: WAIANA MP#1 AND MP#4 - PSI 67.4, MGD 18.5  
 LLL DEEPWELL - PSI 31.7, MGD 0.20  
 MONAUA BP#1 - Suction 31, DISCHARGE 74 PSI  
 OCTAMS BP#1 - Suction 14.0, DISCHARGE 65.2 PSI  
 1615 STATION CHECKS: CL2 0.7 PAF 0.5, CHLORINE 495 GALS  
 1755 CALLED A. PAULINO TO INFORM REDHILL TANK LEVEL 23"  
 HE STATED THAT REDHILL BP#2 CAN BE UNLOCK AND  
 RUN @ 1930  
 - REDHILL TANK LEVEL AND RTUX 29 ALARM  
 1815 TANK VIBRATION READING  
 1945 UNLOCKED AND TURNED ON REDHILL BP#2 - REDHILL 22.8  
 2100 ADDED FLUORIDE  
  
 2300 END OF SHIFT

DATE  
12/20/21

TIME

REMARKS

2300 En Vegt

Waiawa .mp144 18.30 MG-D 69.4

Redhill off

Halawa off

NCTAMS off

Lualualei mp1 .230 MG-D 30.8 psl

51/32 35.6 Redhill 27.3 camp SM 13.5

NCTAMS 12.9 LLL 4.5

2340 stop Redh-BP2

0445 stop Waia-mpr 51/32 37 ft

0447 start Redh-BP2

0542 stop Redh-BP2 TAG LOTO

0627 start HA-BP1

0638 start waia-mpr 51/52 35.5 ft

0700 End of shift



21 DEC 2021

WAIKAWA SWING SHIFT

TIME	REMARKS
1500	B CALIAMPONG OD SHIFT TANK LEVEL: SI/S2 - 34.1/34.0, REDHILL 21.8 CAMP SMITH 14.7, OCTAMS 13.3, LLL 6.2 PUMPS ON: WAIKAWA MP#1 - PSI 61.2, MGD 9.7 LLL DEEPWELL - PSI 31.7, MGD 0.289 REDHILL BP#2 - MGD 0.796 MOANALUA BP#1 - Suction 28, DISCHARGE 68 PSI OCTAMS BP#1 - Suction 13.8, DISCHARGE 65.3
1620	STATION CHECKS: CL2 0.7 WAF 0.46 CHLORINE TANK 3850
1730	TAKE VIBRATION READING
1910	L. HAMILL, A. OUGER AND K. SEMINARA SIGNED OUT
2000	TURBED ON WAIKAWA MP#4 - SI/S2 29.8/29.7
2100	ADDED FLUORIDE
2300	END OF SHIFT

TIME	REMARKS
2300	B CALIMPORE ON SHIFT
	TANK LEVEL: S1/S2 29.9/29.9, RED HILL 21.8
	CAMP SMITH 14.4, OCTAMS 13.1, LL 7.1
	PUMPS ON: WAIANA MP#1 AND MP#4 - PSI 66.3, MGD 18.4
	LL DEEPWELL - PSI 31.2, MGD 0.292
	RED HILL BP#2 - 0.795 MGD
	MOANALUA BP#1 - SUCTION 25 PSI, DISCHARGE 57
	OCTAMS BP#1 - SUCTION 13.0, DISCHARGE 65.2
	- PURGED MASTER ALARM
2400	TAKE MOTOR READING
0025	STATION CHECKS: CL2 0.7 NAF 0.5, CHLORINE TANK 355 gal
0215	SECURED WAIANA MP#4 - S1/S2 30.2/30.2
0425	ADDED FLUORIDE, TRANSFERRED CHLORINE
0430	TAKE VIBRATION READING
0440	CLEANERS ARRIVED
0505	TURNED ON WAIANA MP#4 - S1/S2 28.0/28.0
0640	RTU 31 ALARM FWD-FLOW 8.510
0700	END OF SHIFT



WAIANA SWING SHIFT

TIME	REMARKS
1500	B CAMPONG ON SHIFT TANK LEVEL: 31/52 28.3/30.2, REDHILL 21.8 CAMP SMITH 13.4, OCTAMS 14.2, LL 8.7 PUMPS ON: WAIANA MP#1 AND #4, PSI 67.8, MGD 18.29 LL DEEPWELL - PSI 31.2, MGD 0.289 REDHILL BP#2 - MGD 0.795 MOANALUA BP#1 - Suction 26 PSI, DISCHARGE 50 OCTAMS BP#1 - Suction 13.9, DISCHARGE 65.3
1525	USGS CALLED FOR ACCESS TO HALAWA STATION TOMORROW (23 DEC 2021) @ 0830
1550	STATION CHECKS: CL2 0.7, NAF 0.54, CHLORINE TANK 66.0 GMS
1555	SECURED WAIANA MP#4 - 31/52 28.3/30.5
1600	TURNED ON WAIANA MP#3 - MGD 19.10
1755	J NBTAL CALLED TO INFORM THAT OPERATOR MUST CALL AIRMAN/SEABIGGS @ 808 726 4062 2 FT BEFORE AND ON CONTACT LEVEL.
1805	SECURED WAIANA MP#3 (FAILED REMOTELY)
1815	TURNED ON WAIANA MP#4 - 31/52 28.3/31.4
2000	TAKE VIBRATION READING
2110	ADDED FLUORIDE
2130	TURNED ON HALAWA PP#2 - CAMP SMITH 12.9
2300	END OF SHIFT

TIME	REMARKS
2300	B CALIMPONG ON SHIFT TANK LEVEL: S1/S2 28.3/32.3, REDHILL 21.8 CAMP SMITH 13.6, NCTAMS 13.4, LLL 9.6 PUMPS ON: WAIANA MP#1 AND #4 - PSI 67.6, MQD 18.2 LL DEEPWELL - PSI 31.2, MQD 0.285 REDHILL BP#2 - MQD 0.796 WAIANA BP#2 - PSI 356.2, MQD 1.2 MOANALUA BP#1 - SUCTION 30, DISCHARGE 74 PSI NCTAMS BP#1 - SUCTION 13.9, DISCHARGE 65.5 PSI
0400	TAKE METERING READING
0035	SECURED WAIANA BP#2 - CAMP SMITH 14.5
0050	STATION CHECKS: CL2 0.8 NAF 0.52, CHORINE TANK 610 GALS
0110	SECURED LL DEEPWELL - LL TANK 9.8 S2 TANK LEVEL 34.0 FT - CALLED AND UPDATE SEABEES
0145	COLLECTED CHARTS
0250	TAKE VIBRATION READING
0340	S2 TANK LEVEL 36.1 - CALLED AND UPDATE SEABEES
0345	SECURED WAIANA MP#4
0415	ADDED FLUORIDE
0700	END OF SHIFT



DAILY LOG  
14ND FWC 9 11300741 15-691

DATE \_\_\_\_\_

12/23/21

ACTIVITY

DAY SHIFT

TIME

✓ NATO

REMARKS

1100	VAIAWA - AP #13 OK, PSI-76.2, MGD 17.9, C12 .7, Nat. 58.
	ICEO NUC - BP #2 OK C12 .55, Nat. 34
	MOANA CUA - BP #1 OK, PSI 70
	MCIAMS - BP #1 OK, PSI 65.3, C12 .83, Nat. 16.

1580	End Shift
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## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

ACTIVITY

DATE

Waiana swing shift

12/23/21

TIME

REMARKS

1500 E. Vogt 4 B CAMPONG

Waiana mp 14.4 18.18 MG-D 69.5 PSI

Redhill off

Halawa off

NLTXNS off

Lualualei off

51/32 31 ft Redhill 21.8 Camp 5M 13.5

NLTXNS 13.6 LLL 9.8

1700 called for 52 Tank at 34.1 ft

1900 start HA-BP2

0956 called for 52 Tank 36'

0957 stop waia-mp 52 36 ft

Add 1 bg fluoride

2125 stop HA-BP2

2300 END OF SHIFT



## DAILY LOG

14ND PWC 9-113007-11 (5-69)

ACTIVITY

SHEET NO

DATE

23 DEC 2021

## WAIANA MID SHIFT

REMARKS

2300 B. CAMPBELL  
 TANK LEVEL: S1/S2 28.8 / 31.2, DETHILL 21.8  
 CAMP SMITH 14.5, OCTAMS 14.1, LLC 9.8  
 PUMPS ON: WAIANA MP#1 - PSI 58.6, MGD 9.8  
 MOANALUA BP#1 - SUCTION 24, DISCHARGE 57  
 OCTAMS BP#1 - SUCTION 14.2, DISCHARGE 65.4  
 2350 S2 TANK LEVEL 29.8 - CALLED AND UPDATED SEABEES  
 0035 TAKE VIBRATION READING  
 0050 S2 TANK LEVEL 28.0 - CALLED AND UPDATED SEABEES  
 0100 TURNED ON WAIANA MP#4  
 0420 STATION CHECKS: CL2 0.7 NAF 0.01, ADDED FLUORIDE  
 CHLORINE TANK 480 GALS

0700 END OF SHIFT

ACTIVITY

Waianae 1st shift

DATE  
12/24 KI

TIME	REMARKS
0700	D. Paresa in - Waianae 1st ON 70 KI 18-12 MGD CL 60 NAF. 57
	- RH B2 ON (RED) 797 MGD THANK LEVAS S2 24.0 / RH 21.8 / C.S. 14.1 / NAF 13.6 / MGD 9.8
0800	CL 70 NAF 57 / S2 @ 350
0900	CL 70 NAF. 57 / S2 @ 320 / 0911 called Sabre about tank level
1000	CL 70 NAF. 57
1100	CL 80 NAF. 58 / 1125 RTU 16 DOWN and all RTU Tied to S4 RTU dropping out
1130	called L.H./A.P. to notify of S4 coming issue and was instructed to call in A.N., called Andy and he will respond.
1140	called CDD to authorize recall and notify of situation
1200	CL 70 NAF. 60 / Added Fluvide
1300	CL 90 NAF. 90 / *Andy in in @ 1300 / 1340 started working and worked Airman
1400	CL 70 NAF. 74 / 1430 Andy in out called CDD to check
1500	D. Paresa out



### ACTIVITY

DATE \_\_\_\_\_

12/24/21

Waiawa swing shift

TIME	REMARKS
1500	E. Vogt
	Waiana mpt #4 .18.36 NG-D 67.2 PSI
	Redhill off
	Holawa off
	Bar. N. TRANS off
	Lualualei off
	51/82 29.9 Redhill 22 camp SM .13.7
	<del>1957</del> N. TRANS 12.7 LLL 9.8
1957	Start HA-BP2
2014	NR-B4-B42-com RTH-comm tail
2019	update seabees 52 Tank 34 ft
2202	Stop HA-BP2
2300	End of shift

## 14ND PWC 9 11300/41 (5-69)

DATE \_\_\_\_\_

DATE: 24 Dec. 2021

### ACTIVITY

Final

TIME	REMARKS
2250	A. PHILLIP ON SHIFT FOR 2 HOURS 3 HRS ST
	WATER MP#1, #4 ON - 109 PSI, 1812 MAG, CHL. TR. 280 GALS, CHL. 70, FLOW #10
	MOTOR CURRENTLY ON BWS
	MOTOR #1 BOOSTER #1 ON - SUCROVAL 31 PSI, DISCHARGE 75 PSI
	NORMS BOOSTER #1 ON - SUCROVAL 130 PSI, DISCHARGE 105 PSI
	LUGGAGE MOUNTAIN FRED ON - 27 PSI, 1812 MAG, CHL. 93
	REDUCE BOOSTER #2 ON - 797 MAG
	TRK LBS - 81/82 - 29.1/35.4, REDUCE - 22.1,
	OP. SMITH - 14.10, NORMS - 13.4, LUGGAGE - 9.8
	CHECKED STATION
0029	S2 TANK 210.0' - NOTIFIED UT AND SECURED MP#4
0258	VIBRATION READINGS TAKEN
0335	S2 TANK 30.8' - INFORMED DUTY UT
0453	S2 TANK 27.3' NOTIFIED UT DUTY AND STARTED MP#4
1513	END OF SHIFT



## 14ND PWC 9 11300741 (5-69)

DATE

DATE 12/25/21

DAY SHIFT

TIME	REMARKS
710	WAIANA - MP# 1 #4 CM, PSI 67.9, MAG 18.4, CO2 .74, NAT .59 RED HILL - BP# 2 CM, MOANA CUM, BP# 1 CM, PSI 72 MOANA S - BP# 1 CM, PSI 65.2, CO2 .82, NAT .67  TANK CUMS - S1 24.2' / S2 28.2', JET 22.1', CS 14.3' MOANA S 12.8', OIL - 9.8'
1420	VIBRATION CHECK
1500	END SHIFT

## DAILY LOG

14ND PWC 9 11300/41 (5-69)

SHEET NO

DATE

ACTIVITY

WAIKAWA SWINE SHIFT

30 DEC 2021

TIME	REMARKS
1500	B CAMPORDE ON SHIFT
	TANK LEVEL: S1/S2 32.2/32.3, RED HILL 26.7
	CAMP SMITH 13.6, NCTAMS 12.9, LLL 9.7
	PUMPS ON: WAIKAWA MP#1 AND #4 - MAGD 18.01, PSI 70.1
	HALAWA MP#3 - MAGD 4.20, PSI 71.8
	HALAWA BP#1, RED HILL BP#2, MOANALUA BP#1
	NCTAMS BP#1
1610	STATION CHECKS: CL2 LI NAF 0.62, CHLORINE 495 Gm
1645	SECURED RED HILL BP#1 - RED HILL TANK 28.5
1720	SECURED HALAWA BP#1 - CAMP SMITH 14.5
1810	TAKE VIBRATION READINGS
2030	ADD FLUORIDE
2110	TURBED ON LLL DEEPWELL - LLL CL2 0.20
2250	SECURED LLL DEEPWELL - LLL CL2 0.56
2300	END OF SHIFT



## DAILY LOG

14ND PWC 9 11300, 41 (5-59)

SHEET NO

ACTIVITY

DATE

29 JAN 2022

WAIANA SPRING SHIFT

TIME	REMARKS
1500	B CALIBRATION OF SHIFT
	TANK LEVEL: S1/S2 34.5/34.0, REDHILL 26.8
	CAMP SMITH 13.7, PLTAMS 13.6, CLL 9.8
	PUMPS ON:
	WAIANA MP#1 AND #4 - PSI 68.1, HGD 18.25, CL2 0.7, NAFO.5
	REDHILL MP#2 - FULSHING PURPOSE
	MOKAUA BP#1 - SUEPDR 30 PSI, DISCHARGE 74 PSI
	MTAMS BP#1 - SUEPDR 13.8 PSI, DISCHARGE 65.4 PSI
1530	TRANSFERRED FLUORIDE PALLET
1550	STATION CHECKS: CL2 0.7, NAFO.61, CHLORIDE TANK 620 GAL
1640	REDHILL MP#2 BTMP TEMP 115°F ALARM
1650	REDHILL VIBRATION READING (MP#2) UP VERT 0.38, UP HORIZ 0.17
	AXIAL 0.11, LO VERT 0.10, LO HORIZ 0.07, UTMP 117°, BTMP 105°
1945	TANK VIBRATION READING
1820	TRANSFERRED REMAINING CHLORINE FROM TUBE
1855	TURVED ON WAIANA BP#2 - CAMP SMITH 12.9
1910	SECURED WAIANA MP#4 - S1/S2 34.5/36.6
	D PARESA AND C KAMIMATSU SIGNED OUT
2000	L HAMILL, F GARCIA AND A MUYER SIGNED OUT
2025	REDHILL MP#2 VIBRATION READING - UP VERT 0.38, UP HORIZ 0.17
	AXIAL 0.11, LO VERT 0.10, LO HORIZ 0.07, UTMP 117°, BTMP 105°F
2110	ADD FLUORIDE
2140	TURVED ON WAIANA MP#4 - S1/S2 34.5/32.7
	TURVED ON REDHILL BP#2 - REDHILL TANK 26.1
2210	SECURED WAIANA BP#2 - CAMP SMITH 14.5
2300	END OF SHIFT

## 14ND PWC 9 11300/41 (5-69)

DATE \_\_\_\_\_

29 Jan

### ACTIVITY

WA 15141

TIME	REMARKS
0700	ARRIVED ON SITE 8:45
	<p>           PRESS 14#1, #4 IN - 103.8 PSI, 18.521160, CHL. 70, FLOW 70 CHL. TANK 1030/45.5            LIQUIDABLE MOUNTAIN FORD OUT - 21.8 PSI, 1090 MAG, CHL. 94            MOUNTAIN BOSSIER #1 IN - SUCTION 21.0 PSI, DISCHARGE 75.0 PSI            NCHING BOSSIER #1 OUT - SUCTION - 13.4 PSI, DISCHARGE 105.8 PSI         </p>
	<p>           - LANK LEVELS: S1/S2 - 34.5/33.0, REDHILL - 27.8, OF. SMITH - 13.8,            NCHING - 12.0, LANK WHEEL - 9.9         </p>
	<p>           CHECKED STATION, ADDED 1 BNG FLOORING         </p>
0800	WASH VEHICLE LISA 899M
1030	STARTED MOUNTAIN MP #4 - LANK 20.0
1100	VIBRATION READING
1200	START MOUNTAIN MP #4 - LANK 32.0
1400	STARTED REDHILL MP #2
1500	<p>           RESUME VIBES UPPER VERT. - 101, UPPER HORIZ - 17, ALIGN - 11, LOWER VERT - 10,            LOWER HORIZ - 157, UPPER BEARING TEMP - 117°, LOWER            BEARING TEMP - 112°         </p>
1530	END OF SHIFT