

JBPHH-05

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. NarimatuDATE: 11/15/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
0.90 ppm		1.10 ppm
0.67 ppm	0.67	0.70 ppm
0.28 ppm	0.31	0.60 ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.75	0.82	0.35
0.12	0.12	0.00
0.40	0.40	0.45
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	35 ft. 6 ft.	0.65 ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	15 psi	56 psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	0.40 tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	2 bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

	1=	gals.	2=	gals.
Waiawa				
Red Hill	450			
Halawa	330			
NCTAM				
Camp Stover				
LLL Bldg. 410				
LLL Bldg. 413				

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg. 260 Meter-9806
Bldg. 410 Meter-9805
Bldg. 536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg. 440
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413
Manana

MAIN STATION WELL LEVEL

	ft.
Waiawa	
Red Hill	
Halawa	

Over Time: _____ Hrs. Reason: _____

Other Remarks: @KH - Add 2 bag Naf. Run CL2 generator. @JBPHH - flushing hydrants. @PC Peninsula - flushing. @Manana - turn off pump #1 just to see if pump #2 handled w/o FB pump coming on.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. 105

DATE: 11/15/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
57 ppm	ppm	55 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
70		59
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		90% gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 40 L Cl₂ to 200 gal water @ NCTAM

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: O. Narimato
DATE: 10/16/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.62 ppm	0.60 ppm	0.60 ppm
0.22 ppm	0.25 ppm	0.60 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.66	0.66	0.76
0.41	0.40	0.48
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill	650	gals.
Halawa	630	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	

HOUSE KEEPING	
Waiawa	
Red Hill	✓
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	21.9 ft.
Halawa	16.1 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @Manana - BP #1 bearing blew completely out & started out BP #2 meter out. FID is on & other BP are off. @RH-add one bag Naf. Clean out CL2 tank area. Pool needs to be patched or replaced.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Mas

DATE: 11/16/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0 ppm	ppm	0 ppm
ppm	ppm	ppm
55 ppm	ppm	-6 ppm
n/a	n/a	-7 ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
-71		-65
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		80% gals.
Camp Stover		
LLL Bldg.410		230 gals.
LLL Bldg.413		90 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Flash, Add Mkt 30 gal Cl 0410
Need salt @ 410

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimato
DATE: 11/17/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.47 ppm	0.66 ppm	0.70 ppm
0.60 ppm	0.61 ppm	0.60 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.45	0.46	0.79
0.37	0.37	0.06
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	30.1 psi	97.5 psi	110.8 mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	0.20 tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
35 %	50 %	bags	
60 %	5.6 %	2 bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill	520	gals.
Halawa	330	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

Red Hill Tank
Meter-4120
Meter-4121

Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	20.8 ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ RH - change charts. Add one bag NaF. @ Halawa - change charts. @ Moanalua - get pump & meter info. @ Manana - get pump & meter info. @ Makalapa - start flushing hydrants.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 11/17/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
.57 ppm	.57 ppm	.8 ppm
ppm	ppm	ppm
.57 ppm	ppm	.5 ppm
n/a	n/a	.6 ppm
n/a	n/a	.2 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.71	.71	.61
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: NCTAM - STATION CHECK / CHARTS
LLL - STATION CHECK. 410 APPROX 50 GAL MADE CHLORINE. APPROX 4L OF 10% L
413 APPROX 50G WATER 11L CHLORINE / ADJUST STROKE ON PUMP.
WESTWICH - FLUSHING.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 11/18/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.70 ppm	0.61 ppm	0.75 ppm
0.51 ppm	0.54 ppm	0.50 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.44	0.45	0.61
0.47	0.44	0.58
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP# 2	32.8 psi	0.05 mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
15.4 %	80 %	0.20 tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
85 %	5.0 %	bags	
%	%	2 bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill	530	gals.
Halawa	109	169 gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg. 410		gals.
LLL Bldg. 413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg. 440	
Camp Stover	
LLL Bldg. 260	
LLL Bldg. 410	
LLL Bldg. 413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	20.9 ft.
Halawa	14.1 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: CPH-add 2 bags NaF. Sweep around NaF tanks.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 1/18/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
35 ppm	35 ppm	6 ppm
ppm	ppm	ppm
1.5 ppm	ppm	1.5 ppm
n/a	n/a	1.6 ppm
n/a	n/a	1.1 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
71	71	6
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: NCTAM - STATION CHECK / ADD 100 GALS WTR - 720 CL2
STOVER - STATION CHECK, LLL - STATION CHECK, ADD 60 GAL WTR 102 CL2
ADJUST STROKE AT 413, WEST COAST - PLUSANKA

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimata

DATE: 11/17/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.72 ppm	0.71 ppm	0.75 ppm
ppm	ppm	ppm
0.41 ppm	0.37 ppm	0.50 ppm
ppm	ppm	ppm
0.66 ppm	— ppm	0.70 ppm
n/a	n/a	0.70 ppm
n/a	n/a	1.40 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.10	0.11	0.10
ppm	ppm	ppm
0.73	0.73	0.74
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
85 %	27 %	0.80 tons
%	%	n/a
%	%	2 bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available NaF
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill	270	270 gals.
Halawa		gals.
NCTAM	600	gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	20.9 ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ 14h received call. Preset NaF pumps & add 4 bags NaF. @ 15h add one ca. salt & NaF. Add 100 g. H2O & 216 cL2 to tank. Preset call.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Wan matu
DATE: 11/27/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
0.84 ppm	ppm	1.10 ppm
0.67 ppm	0.67 ppm	0.60 ppm
0.70 ppm	0.73 ppm	0.45 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.50	0.56	0.73
0.41	0.41	0.68
0.40	0.89	0.17
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	
n/a	n/a	n/a	
Manana	psi	psi	
Camp Smith	psi	psi	
LLL Emer. Bstr.	psi	psi	

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
89 %	31 %	0.70 tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
80 %	60 %	30 bags	
%	%	2 bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill	230	230 gals.
Halawa	320	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	✓
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	20.6 ft.
Halawa	16.2 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ RH - get new meter info. Add one bag Naf. @ UDPHH
Flushing. @ Makalapa - con + flushing.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. L. Day

DATE: 11/22/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
-2 ppm	ppm	-6 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
77		61
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		821 gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 210 gal water + 46412 @ NCTAM
Need Salt @ LLL410

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nari Matsuo
DATE: 11/23/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.63 ppm	0.63 ppm	0.70 ppm
0.38 ppm	0.38 ppm	0.50 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
85 %	11.3 %	0.60 tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.41	0.41	0.55
0.38	0.41	0.01
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	30.7 psi	74.4 psi	1133mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	20.7 ft.
Halawa	16.1 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @RH - take apart PRV. Add one bag Naf. @Makalapa - Finish flushing. @Moanalua - put on tag for pump #2. @Camround - dump trash.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill	568	gals.
Halawa	330	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 11/25/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: WORK ON O/H RED HILL PUMP
PLS FND FOR NEXT O/H TO RT STATION TUBING ON PUMP.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nori, W. 120

DATE: 11/24/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.74 ppm	0.70	0.70 ppm
0.28 ppm	0.30	0.40 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.39	0.37	0.34
0.39	0.38	0.17
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	35 ft. 10 ft.	0.6 ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	30.4 psi	74.0 psi	110.5 mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	
n/a	n/a	n/a	
Manana	psi	psi	
Camp Smith	psi	psi	
LLL Emer. Bstr.	psi	psi	

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
85 %	17.1 %	0.45 tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
85 %	50 %	77 bags	
%	%	2 bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS			
Waiawa	1= gals.	2= gals.	
Red Hill	240	240	gals.
Halawa	169	165	gals.
NCTAM			gals.
Camp Stover			gals.
LLL Bldg.410			gals.
LLL Bldg.413			gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	20.8 ft.
Halawa	16.13 ft.

12% CHLORINE STRENGTH		
Waiawa		%
Red Hill		%
Halawa		%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @RH - add 2 bags NaF. Change charts. @Halawa - change charts. @AMR - one 2 of the fence posts on S-2 is rotted out. @McGraw Pt - flushing hydrants.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carl

DATE: 11/24/12

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
80 ppm	ppm	1.0 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	6 ppm
n/a	n/a	7 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
70		64
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		
Halawa		
NCTAM		917 gals.
Camp Stover		
LLL Bldg.410		280 gals.
LLL Bldg.413		141 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

Add 120 gal water + 27 L Cl₂ @ NCT
Add 50 gal Cl₂ @ LLL 410
Add 85 gal water @ 413
+ 15 L Cl₂

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narmatev
DATE: 11/29/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.42	0.42	0.60
0.76	0.89	0.70
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
58	45	n/a
%	%	bays
%	%	bays
%	%	bays
%	%	bays

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.37	0.37	0.39
0.26	0.26	0.40
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
60	55	2
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	21.7 ft.
Halawa	15.4 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ Halawa - took CDO to get samples for well. @ H-H add 2 bags Naf. Take AECOM to get a sample.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill	580	gals.
Halawa	320	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	580 %
Halawa	320 %

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. 103

DATE: 11/26/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
64 ppm	ppm	7 ppm
ppm	ppm	ppm
44 ppm	ppm	8 ppm
ppm	ppm	ppm
5 ppm	ppm	9 ppm
n/a	n/a	ppm
n/a	n/a	1.7 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
25		35
73		65
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	
n/a	n/a	n/a	
Manana	psi	psi	
Camp Smith	psi	psi	
LLL Emer. Bstr.	psi	psi	

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		460 gals.
Halawa		gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg. 410		280 gals.
LLL Bldg. 413		130 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg. 260 Meter-9806
Bldg. 410 Meter-9805
Bldg. 536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg. 440
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 150 gal water @ NCTAM + 33 L of Cl₂
Add 30 gal water @ 413 + 7 L Cl₂
Add 200 lb Fluoride @ Red Hill
Plu from Bldg 413

Supervisors Initials: _____

50624

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carras

DATE: 11/22/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0 ppm	ppm	1.2 ppm
n/a	n/a	ppm
n/a	n/a	1.1 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg.410		280 gals.
LLL Bldg.413		140 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 140 gal water @ NCTAM + 37 L.A. U12
Add 60 gal water @ 413 + 154 C12

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 11/20/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.47 ppm	0.47 ppm	0.60 ppm
0.53 ppm	0.67 ppm	0.45 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.53	0.53	0.81
0.77	0.36	0.82
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	31 ft. 2 ft.	0.60 ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
55 %	40 %	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
65 %	55 %	2 bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	22.3 ft.
Halawa	15.6 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ Halawa - open booster pump rm. Transfer CL2 to tote inside CL2 shack. Adjust CL2 pump. @ PH - open doors for contractors. @ Compound - drop off receipt. @ JOPHH - get CAC reset.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos

DATE: 11/30/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
35 ppm	ppm	5 ppm
n/a	n/a	ppm
n/a	n/a	1.1 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	9.8 ft.	7 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		400 gals.
Halawa		400 gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg.410		280 gals.
LLL Bldg.413		130 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add Solution An Cl2 analyzer @ 260
Add 2 L Cl2 @ LLL 413
Adjusted Pump Spd @ 413
Flush NCTAM

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/1/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
4 ppm	ppm	4 ppm
0 ppm	ppm	0 ppm
26 ppm	ppm	12 ppm
ppm	ppm	0 ppm
n/a	n/a	6 ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0	0	0
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	
n/a	n/a	n/a	
Manana	psi	psi	
Camp Smith	psi	psi	
LLL Emer. Bstr.	psi	psi	

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS			
Waiawa	1=	gals.	2= gals.
Red Hill			gals.
Halawa			gals.
NCTAM			gals.
Camp Stover			gals.
LLL Bldg. 410			gals.
LLL Bldg. 413			gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg. 260 Meter-9806	
Bldg. 410 Meter-9805	
Bldg. 536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg. 440	
Camp Stover	
LLL Bldg. 260	
LLL Bldg. 410	
LLL Bldg. 413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: NCTAM - STATION CHECK. PUMP JUST TURNED OFF
CL2 / NOT READING DROPPED OUT. FIELD READING 0
SPWEL - STATION CHECK.
ALL STATION CHECK. 413 - 174MM CL2 PUMP NOT WORKING
FIXED UP 410.

Supervisors Initials: _____

MANANA - ADJUST CL2 PUMP TO .4.
RED HILL - FIELD CHECK CL2 UP.

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Naimata
DATE: 12/01/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.62 ppm	0.60	0.75 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	✓
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.39	0.39	0.95
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	22.4 ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ Rti - Backflow is making 8 pump run is flooded.

@ Halawa - open up for contractors. Receive CL2.

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos

DATE: 12/11/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft.	ft.
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Vacuum meter @ Red Hill
Secure Corporation @ Red Hill (Backflow testing)
Clean Brine Tank @ Red Hill 287

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/2/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
12 ppm	12	5 ppm
27 ppm	ppm	2 ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	1.1 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
41	41	52
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft.	ft.
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bays
%	%	bays
%	%	bays

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: LLL - STATION CHECK, CHANGE PUMP AT 413 / 410 FILL UP CALANNE
NCTAM - STATION CHECK, CHANGE CHARTS, STAGE - STATION CHECK.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlin

DATE: 12/2/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
35 ppm	ppm	4 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
37		2
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		380 gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Bleed Injection Line @ Halawa
+ Add 50 lb Fluoride
Check Red Hill well
- Red Hill Tanks
- Halawa Well

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 12/03/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.46 ppm	0.45 ppm	0.50 ppm
0.63 ppm	0.68 ppm	0.70 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP# 3	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
40 %	30 %	n/a
%	%	bays
%	%	bays
%	%	bays
%	%	bays

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	✓
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.39	0.39	0.49
0.38	0.37	0.20
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	30.7 psi	74.2 psi	120.2 mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
56 %	45 %	1 bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	22.5 ft.
Halawa	19.4 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ Halawa - open for contractors; meet AECOM for sampling.
@ RH - open for contractors. Meet AECOM to take sampling.
@ compound - drop off receipts

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos

DATE: 12/13/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
4 ppm	ppm	6 ppm
ppm	ppm	ppm
1.0 ppm	ppm	1.0 ppm
n/a	n/a	ppm
n/a	n/a	1.9 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
71		61
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg.410		300 gals.
LLL Bldg.413		170 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

Adjust stroke @ LLL 413
flush Pumper/Triggers

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/4/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
	1= gals.	2= gals.
Waiawa		
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	HOUSE KEEPING
Red Hill Station	Waiawa
Gager Meter-6040	Red Hill
	Halawa
Red Hill Tank	Moanalua
Meter-4120	Camp Smith Bstr.
Meter-4121	NCTAM D.W.
	NCTAM Bldg.440
Lualualei	Camp Stover
Bldg.260 Meter-9806	LLL Bldg.260
Bldg.410 Meter-9805	LLL Bldg.410
Bldg.536 Meter-8753	LLL Bldg.413
	Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: 11 Hrs. Reason: _____

Other Remarks: TAKG AROUND WATER SAMPLE PPL

WATER

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Shimatsu
DATE: 12/06/2001

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.42 ppm	0.42 ppm	0.35 ppm
0.44 ppm	0.46 ppm	0.50 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.36	0.36	0.44
0.37	0.36	0.09
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	34 ft. 9 in.	0.50 ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
50 %	30 %	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		
Halawa	280	320
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS		HOUSE KEEPING	
Red Hill Station		Waiawa	
Gager Meter-6040		Red Hill	✓
Red Hill Tank		Halawa	
Meter-4120		Moanalua	
Meter-4121		Camp Smith Bstr.	
		NCTAM D.W.	
		NCTAM Bldg.440	
		Camp Stover	
Lualualei		LLL Bldg.260	
Bldg.260 Meter-9806		LLL Bldg.410	
Bldg.410 Meter-9805		LLL Bldg.413	
Bldg.536 Meter-8753		Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	16.6 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: ORH-clean-up station; take cdo around to get samples. Decet booster pump @ Halawa.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carles

DATE: 12/6/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0.89 ppm	ppm	0.7 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	1.3 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.72		0.57
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg.410		220 gals.
LLL Bldg.413		120 gals.

MONTHLY METER READINGS

Red Hill Station	Waiawa
Gager Meter-6040	Red Hill
	Halawa
Red Hill Tank	Moanalua
Meter-4120	Camp Smith Bstr.
Meter-4121	NCTAM D.W.
	NCTAM Bldg.440
	Camp Stover
Lualualei	LLL Bldg.260
Bldg.260 Meter-9806	LLL Bldg.410
Bldg.410 Meter-9805	LLL Bldg.413
Bldg.536 Meter-8753	Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Clean Red Hill Pump Tank
Reset Pump @ LLL 413

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu

DATE: 12/07/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.41 ppm	0.40 ppm	0.35 ppm
0.48 ppm	0.52 ppm	1.00 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.34	0.34	0.62
0.33	0.34	0.10
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	31.4 psi	75.6 psi	82.7 mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	22.7 ft.
Halawa	16.7 ft.

Over-Time: _____

Hrs. _____

Reason: _____

Other Remarks: there's a hole in the roof @ Halawa where a pipe used to be, but wasn't patched. take ALCM to get samples @ AMR & RH tanks. try to reset T-1 lines @ RH & Halawa. Flushing @ Radford Terrace & PC. Penninsula.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	24 ft. 8 ft.	0.50 ppm
Red Hill	10'10" ft.	0.60 ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa	280	230
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. MAITO

DATE: 12/7/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
97 ppm	97	17 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	.6 ppm
n/a	n/a	1.1 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bays
35 %	30 %	bays
%	%	bays

MONTHLY METER READINGS

Red Hill Station

Gager Meter-6040

Red Hill Tank

Meter-4120

Meter-4121

Lualualei

Bldg.260 Meter-9806

Bldg.410 Meter-9805

Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
70	70	43
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____

Hrs.

Reason: _____

Other Remarks:

NCTAMS - STATION CHECK
WE - ADJUST PUMPS AT 412 / 410 MAKE CHLORINE AT 400.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

* Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nartmetov
DATE: 10/09/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS	HOUSE KEEPING
Red Hill Station	Waiawa
Gager Meter-6040	Red Hill
	Halawa
Red Hill Tank	Moanalua
Meter-4120	Camp Smith Bstr.
Meter-4121	NCTAM D.W.
	NCTAM Bldg.440
Lualualei	Camp Stover
Bldg.260 Meter-9806	LLL Bldg.260
Bldg.410 Meter-9805	LLL Bldg.410
Bldg.536 Meter-8753	LLL Bldg.413
	Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: close valves off the pumps @ RH

Supervisors Initials: _____

4 HRS REGULAR 4 HRS WTR

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/8/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
17 ppm	17 ppm	17 ppm
27 ppm	ppm	12 ppm
12 ppm	ppm	6 ppm
n/a	n/a	ppm
n/a	n/a	9 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
94	184	122
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft.	ft.
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station

Gager Meter-6040

Red Hill Tank

Meter-4120

Meter-4121

Lualualei

Bldg.260 Meter-9806

Bldg.410 Meter-9805

Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Location	ft.
Waiawa	
Red Hill	
Halawa	

Over Time: _____ Hrs.

Reason: _____

Other Remarks: LLC / STOVER / NCTAMS STATION CHECK
ADDED CHLORINE AT 413
RED HILL CLOSE MV 4 HRS WATER

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos

DATE: 12/8/20

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		
Halawa		275
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Secure 3 Valves @ Halawa Pump room
Halawa Pump #3 LOTO
Secure all Red Hill MP Valves
Escort Engineers + AECOM for water samples
Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nani Mathew
DATE: 12/09/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.34 ppm	0.34 ppm	0.35 ppm
0.29 ppm	0.32 ppm	0.30 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bays
%	%	bays
%	%	bays

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	72
Red Hill Tank	
Meter-4120	31
Meter-4121	69719
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	✓
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.35	0.35	0.64
0.36	0.36	0.80
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	22.8 ft.
Halawa	16.9 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Cut grass area in front of Halawa station. Cut grass @ Manana & R-11 tanks. Change charts.

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlas

DATE: 12/9/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
75 ppm	ppm	7 ppm
ppm	ppm	ppm
65 ppm	ppm	7 ppm
n/a	n/a	ppm
n/a	n/a	9 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
77		62
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		275 gals.
NCTAM		600 gals.
Camp Stover		
LLL Bldg.410		300 gals.
LLL Bldg.413		130 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: West meter reads,
cat grass @ Halawa

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 12/10/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.25 ppm	0.25 ppm	0.30 ppm
0.21 ppm	0.24 ppm	0.45 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.38	0.38	0.64
0.36	0.35	0.42
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	
n/a	n/a	n/a	
Manana	psi	psi	
Camp Smith	psi	psi	
LLL Emer. Bstr.	psi	psi	

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		
Halawa	275	370 gals.
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS		HOUSE KEEPING	
Red Hill Station		Waiawa	
Gager Meter-6040		Red Hill	
		Halawa	
Red Hill Tank		Moanalua	
Meter-4120		Camp Smith Bstr.	
Meter-4121		NCTAM D.W.	
		NCTAM Bldg.440	
Lualualei		Camp Stover	
Bldg.260 Meter-9806		LLL Bldg.260	
Bldg.410 Meter-9805		LLL Bldg.410	
Bldg.536 Meter-8753		LLL Bldg.413	
		Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	22.9 ft.
Halawa	16.9 ft.

12% CHLORINE STRENGTH		
Waiawa		%
Red Hill		%
Halawa		%

Over-Time: _____ Hrs. Reason: _____

Other Remarks: Meet w/AECOM @ Halawa to get samples from The well.
Turn off injection pumps @ Halawa.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/10/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
.76 ppm	.76 ppm	.6 ppm
.24 ppm	ppm	.2 ppm
.66 ppm	ppm	.6 ppm
n/a	n/a	ppm
n/a	n/a	.9 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
.77	.77	.51
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____

Hrs.

Reason: _____

Other Remarks:

NCTAMS - STATION CHECK, SEWER - STATION CHECK

LLL - STATION CHECK

RED HILL - TURN OFF CHLORINE PUMP BREAKER / OUTLET VAL.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Navimatan
DATE: 12/13/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
0.03 ppm	—	0.55 ppm
0.43 ppm	0.42	0.50 ppm
0.05 ppm	0.08	0.40 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.49	0.56	0.62
0.43	0.41	0.60
0.36	0.36	0.27
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		370 gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS		HOUSE KEEPING	
Red Hill Station		Waiawa	
Gager Meter-6040		Red Hill	
Red Hill Tank		Halawa	
Meter-4120		Moanalua	
Meter-4121		Camp Smith Bstr.	
		NCTAM D.W.	
		NCTAM Bldg.440	
Lualualei		Camp Stover	
Bldg.260 Meter-9806		LLL Bldg.260	
Bldg.410 Meter-9805		LLL Bldg.410	
Bldg.536 Meter-8753		LLL Bldg.413	
		Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	22.9 ft.
Halawa	16.9 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @Halawa - open up for military. switch out pump motor & align pump.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/14/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	1.0 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft.	ft.
Red Hill	ft.	ft.
Camp Smith	ft.	ft.
NCTAM	ft.	ft.
Lualualei	ft.	ft.

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: LU - 574764 CHECK FILL UP 413 100 GAL UTR / 220
WAIAWA - WORK ON TAKING MP3 OFF / PUTTING ON
OLD MOTOR

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 12/15/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
0.02 ppm	0.05 ppm	0.50 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.37	0.37	0.38
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa	275	370
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	16.9 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Drop off the new pump & bring back the old pump @ Manana
Check portal station that it is secured @ Halawa wire wheel, extend &
paint railing stands @ RH Chlorine shack.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Warrimatsu

DATE: 12/16/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: 1.0 Hrs.

Reason: Get pump #3 back together & ready for test run.

Other Remarks: @PH-assist the pipe shop w/ the valve on the main line in the tunnel. @Compound drop off receipt. @Halawa-tighten down packing. @Waiawa-help put meter nut on.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. MAITO

DATE: 10/11/21 12/17/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
86 ppm	ppm	7 ppm
n/a	n/a	ppm
n/a	n/a	1.0 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station

Gager Meter-6040

Red Hill Tank

Meter-4120

Meter-4121

Lualualei

Bldg.260 Meter-9806

Bldg.410 Meter-9805

Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks: 1260 HILL - TAKE MEASUREMENTS OF PIPE.

OPEN VALV.

LLL - STATION CHECK. ADD CHLORINE. 60 GALS WITH 126 CUL.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: e. Narimatsu
DATE: 12/19/2021

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS		HOUSE KEEPING	
Red Hill Station		Waiawa	
Gager Meter-6040		Red Hill	
		Halawa	
Red Hill Tank		Moanalua	
Meter-4120		Camp Smith Bstr.	
Meter-4121		NCTAM D.W.	
		NCTAM Bldg.440	
Lualualei		Camp Stover	
Bldg.260 Meter-9806		LLL Bldg.260	
Bldg.410 Meter-9805		LLL Bldg.410	
Bldg.536 Meter-8753		LLL Bldg.413	
		Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Assist Joe in shutting off valves & opening valves.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carley

DATE: 12/19/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Over-Time: _____ Hrs. Reason: _____

Other Remarks:

Secure Main 12 in butterfly valve
Open Bypass Valve for Booster Pump
@ Red Hill

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nannette
DATE: 12/20/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	0.70 ppm
n/a	n/a	0.80 ppm
n/a	n/a	1.0 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410	289	gals.
LLL Bldg.413	150	gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: CAH - assist pipe shop, but DOH shut us down @ Waiawa - fill up CL2 jugs. Receive CL2 delivery @ LLL - assist pipe shop look for water main break. Trip off CL2 tanks @ 410 & 413.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carly

DATE: 12/20/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks:

Assist @ Red Hill Flange Removal
Assist secure LLL water break
Flush Hydrant 21

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nari metz

DATE: 12/21/2001

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.40 ppm	0.40 ppm	0.40 ppm
0.16 ppm	0.03 ppm	0.15 ppm
0.17 ppm	0.10 ppm	0.0 ppm
0.25 ppm	ppm	0.25 ppm
ppm	ppm	ppm
n/a	n/a	0.40 ppm
n/a	n/a	0.60 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
45 %	60 %	4 bags
25 %	32 %	1 bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.79	0.74	0.60
0.73	0.74	0.36
0.72	0.72	0.0
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM # 2	12.9 psi	64.8 psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	23.2 ft.
Halawa	16.0 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add CL2 @ B410 & adjust the injection pump. Pick up materials & drop off receipts to B44 on the compound. Check the keys @ Halawa but they don't work.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	5.6 ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa	275	330 gals.
NCTAM	500	gals.
Camp Stover	50	gals.
LLL Bldg.410	290	gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Varimaton

DATE: 12/22/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg. 260 Meter-9806
Bldg. 410 Meter-9805
Bldg. 536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg. 440
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: 1.0 Hrs. Reason: _____

Other Remarks: QTH - basket pipe shop in removing bolts from piping & prepping to drain down the line & flush.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

	1=	gals.	2=	gals.
Waiawa				
Red Hill				
Halawa				
NCTAM				
Camp Stover				
LLL Bldg. 410				
LLL Bldg. 413				

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Naimach

DATE: 12/20/2021

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0.93 ppm	ppm	0.95 ppm
n/a	n/a	0.60 ppm
n/a	n/a	0.10 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
20 %	20 %	2 bags
85.5 %	70 %	— bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040

Red Hill Tank

Meter-4120
Meter-4121

Lualualei

Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks: 8480 - added CL2 to tank & adjusted the injection pump @410 - Tipped off the tank & adjusted the CL2 injection pump.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410	290	
LLL Bldg.413	150	

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/20/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks: HALAWA MEET W/ USGA. PICKUP AT 44.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO

DATE: 12/30/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
.49 ppm	ppm	.5 ppm
n/a	n/a	ppm
n/a	n/a	.6 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: MOANA LUA - STATION CHECK.
LL - STATION CHECK - FILLED UP 412. PRIST PUMP.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: P. Paxon

DATE: 1/3/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
73 ppm	73 ppm	70 ppm
29 ppm	0.9 ppm	30 ppm
ppm	ppm	ppm
n/a	n/a	1.4 ppm
n/a	n/a	1.3 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	NA psi	NA mgd
MP#	NA psi	NA mgd
Deep Well	NA psi	NA mgd
Deep Well	NA psi	NA mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
NA %	NA %	n/a
NA %	NA %	2 1/2 bags
NA %	NA %	3 bags
NA %	NA %	NA bags
%	%	NA bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
70	70	65
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	120 psi	NA psi	NA mgd
NCTAM #	12 psi	65 psi	NA mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
NA %	NA %	1 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: make 70gal chlorine to ccc413

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	13.5 ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	NA psi	NA psi
Camp Smith	NA psi	NA psi
LLL Emer. Bstr.	NA psi	NA psi

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		250 gals.
Camp Stover		450 gals.
LLL Bldg.410		250 gals.
LLL Bldg.413		150 gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: ①. [Signature]

DATE: 1/4/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
70 ppm	90	180 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP# 1+2	70 psi	10.7 mgd
MP#	NA psi	NA mgd
MP#	NA psi	NA mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
50 %	Auto %	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station

Gager Meter-6040

Red Hill Tank

Meter-4120

Meter-4121

Lualualei

Bldg.260 Meter-9806

Bldg.410 Meter-9805

Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
54	54	62
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	NA psi	NA psi	NA mgd
Halawa #	NA psi	NA psi	NA mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
60 %	Auto %	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

Shipyard Badge Renew / Check Virus Hunt History
Pick up material @ Bldg 44 / called back to stand watch @ 11:00
Added 1 bag Fluoride @ 09:00

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR-S-1/S-2	30 ft. ft.	ppm
Red Hill	25.5 ft.	ppm
Camp Smith	13.9 ft.	ppm
NCTAM	12.8 ft.	ppm
Lualualei	9.8 ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	NA psi	NA psi
Camp Smith	NA psi	NA psi
LLL Emer. Bstr.	NA psi	NA psi

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa	1= 20 gals.	2= 20 gals.
Red Hill	NA	NA
Halawa	270	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: CA152

DATE: 1/4/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0.87 ppm	ppm	0.9 ppm
1.5 ppm	ppm	1.5 ppm
1.2 ppm	ppm	1.4 ppm
n/a	n/a	ppm
n/a	n/a	1.5 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.63		0.1
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

OMCL's Ar January
Add 50 lb Salt + 50 lb Fluoride @ NCTAM

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

1=	gals.	2=	gals.
Waiawa			
Red Hill			
Halawa			
NCTAM			560 gals.
Camp Stover			50 gals.
LLL Bldg.410			
LLL Bldg.413			140 gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pares

DATE: 1/5/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL			
Analyzer	Chart	Field Test	
65 ppm	65	70	ppm
29 ppm	N/A	NA	ppm
69 ppm	110	NA	ppm
ppm	ppm	ppm	ppm
ppm	ppm	ppm	ppm
ppm	ppm	ppm	ppm
n/a	n/a	ppm	ppm
n/a	n/a	ppm	ppm

FLUORIDE RESIDUAL			
Analyzer	Chart	Field Test	
62	52	61	
NA	NA	NA	
NA	NA	NA	
n/a	n/a	n/a	
n/a	n/a	n/a	
n/a	n/a	n/a	
n/a	n/a	n/a	

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	34 ft. 7. ft.	ppm
Red Hill	26.3 ft.	ppm
Camp Smith	13.8 ft.	ppm
NCTAM	13.2 ft.	ppm
Lualualei	9.8 ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP# 124	68 psi	10.3 mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	7.4 mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	30 psi	74 psi	40.0 mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	NA psi	NA psi
Camp Smith	NA psi	NA psi
LLL Emer. Bstr.	NA psi	NA psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
62 %	AUTO %	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
65 %	AUTO %	60	bags
%	%		bags
%	%		bags
%	%		bags
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill	NA	NA gals.
Halawa	270	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: clean Moanalua Bldg. / check on 24 Bldg and make rep
scope Rtr. Antyger tubing / check Manana

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos

DATE: 1/15/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
82 ppm	ppm	8 ppm
ppm	ppm	ppm
1.2 ppm	ppm	1.1 ppm
n/a	n/a	8 ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station	Gager Meter-6040
Red Hill Tank	Meter-4120
	Meter-4121
Lualualei	Bldg.260 Meter-9806
	Bldg.410 Meter-9805
	Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
63		48
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Water Samples west
Need Salt + Fluoride @ NCTAM
Take Measurement @ Halawa

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		570 gals.
Camp Stover		gals.
LLL Bldg.410		280 gals.
LLL Bldg.413		130 gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Nani

DATE: 01/06/2012

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.12 ppm	0.03 ppm	0.24 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.26	0.24	0.54
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	27.1 psi	73.1 psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa	
Red Hill	
Halawa	✓
Moanalua	✓
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	17.4 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: JBPHH - transportation to check status of vehicle @ Halawa cleaned CL2 pump & checked on a leak

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Cadus

DATE: 6/6/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
<u>-81</u> ppm	ppm	<u>-85</u> ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
<u>-60</u>		<u>-50</u>
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: West Charts

-Deliver Salt + Fluoride @ NCTAM / Reset Cell
+ Add 50 lb Salt / Fluoride
Flush NCTAM

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		<u>550</u> gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Purn

DATE: 1/7/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: add chlorine and change reagents
also verify piping @ RH sample line

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 01/07/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @KH - remove H&Q living pine. Pick-up materials from Bldg 44.

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Cadac

DATE: 11/2/11

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
-5 ppm	ppm	-5 ppm
ppm	ppm	ppm
1.0 ppm	ppm	1.0 ppm
n/a	n/a	ppm
n/a	n/a	1.0 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station

Gager Meter-6040

Red Hill Tank

Meter-4120

Meter-4121

Lualualei

Bldg.260 Meter-9806

Bldg.410 Meter-9805

Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
6.3		6
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks:

Plug/Remove Piping @ Red Hill

Add Chemical @ LLL 260

Add 60 gal water + 10 L Cl₂ @ 413

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pappas

DATE: 1/10/20

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
1.62 ppm	1.62 ppm	1.60 ppm
ppm	ppm	2.0 ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
72	72	74
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	145 ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	75 psi	1.31 mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM # 2	12 psi	64 psi	1.4 mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
100% 100	55% 100	5 bags
%	%	5 bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
60% 75%	%	8 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

Meet. Pico/contractor @ NCTAM to show well 440, meters 1243, tank until 1300 add 100 gal 12% mix with H2O @ Deep well tank / level good

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Calas

DATE: 1/10/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks: Secure Chlorine Injection Pump Valve @ Halawa
Re-seal/replace pipe slope on Tanks
Online Training

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 01/11/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.08 ppm	0.08	ppm
0.10 ppm	0.03	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.40	0.40	
0.31	0.31	
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	21.0 ft.
Halawa	17.4 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Call-check of rotation & that it is running ok
Help fill new line off the pump to check for leaks.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Cadogan

DATE: 1/11/21

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
1.0 ppm	ppm	1.0 ppm
n/a	n/a	.7 ppm
n/a	n/a	.8 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
15 %	20 %	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

Adjust Stroke/Speed @ 410
Add 50 gal water + 10 L Cl₂ @ 410
Reset Cell @ NCTAM
Add 70 gal water + 10 L Cl₂ @ 413

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		801 gals.
Camp Stover		gals.
LLL Bldg.410		300 gals.
LLL Bldg.413		150 gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: CD Pugh

DATE: 1/12/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	1.3 mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
100 %	75 ml	3 bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
112	72	65
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM # 2	12 psi	64 psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	2 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 10 Chlorine to NCT well / get RH badge

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	12.7 ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill		gals.
Halawa		gals.
NCTAM		800 gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu

DATE: 01/12/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.10 ppm	0.03 ppm	ppm
0.10 ppm	0.03 ppm	0.35 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.31	0.31	0.44
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	17.4 ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks: R.H. - Remove old oil indicator & fill ports from old pump, clean & install on new B.P. Turn off Naf Injection pumps.
@Manana - grass mow cutting.

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pappas

DATE: 1/13/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0 ppm	0 ppm	0 ppm
26 ppm	30 ppm	30 ppm
ppm	ppm	100 ppm
n/a	n/a	114 ppm
n/a	n/a	190 ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	OFF psi	OFF mgd
Deep Well	N/A psi	N/A mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
OFF %	OFF %	3 bags
60 %	50 %	4 bags
N/A %	N/A %	3 bags
10 %	30 %	— bags

MONTHLY METER READINGS
Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

98856
945244
10960

HOUSE KEEPING
Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	1 psi	65 psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
OFF %	OFF %	2 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: ill flush / meter reads / check, NCT charts / make
chlorine

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM	600	gals.
Camp Stover	50 gal	gals.
LLL Bldg.410	25	gals.
LLL Bldg.413	115	gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Calas

DATE: 11/13/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Export Water Samples @ Halawa
Re-Tape Threaded Connections on Cl2 Transfer
Pump @ Halawa
Meter reads

Supervisors Initials: _____

* Red Hill Tank Unaccessible

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 01/14/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.21 ppm	ppm	ppm
0.20 ppm	0.24 ppm	0.20 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS
Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	✓
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.28	0.39	
0.32	0.37	0.23
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	23.6 ft.
Halawa	17.4 ft.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: PH - get meter reads 1st thing. @ Halawa - sweep up.
0.22 nm.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Mays

DATE: 1/14/21

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	1.0 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMRS-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		130 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 30 gal + 10 L L12 @ 11:45 + NCTAM

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos
DATE: 1/18/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
8 ppm	ppm	8 ppm
ppm	ppm	ppm
ppm	ppm	ppm
0 ppm	ppm	0 ppm
ppm	ppm	ppm
38 ppm	ppm	4 ppm
n/a	n/a	ppm
n/a	n/a	8 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
48-63		48
68		60
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1=330 gals.	2=235 gals.
Red Hill		gals.
Halawa		gals.
NCTAM		370 gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		150 gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over-Time: _____ Hrs. Reason: _____

Other Remarks: Add 50 lb Fluoride + 330 gal Cl₂ @ # Waiawa
Add 19 v Cl₂ + 10 gal water @ #413
Reset RTU @ 5/52

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: David Paron
DATE: 1/19/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
31 ppm	31 ppm	40 ppm
4 ppm	25 ppm	30 ppm
05 ppm	05 ppm	10 ppm
n/a	n/a	n/a ppm
n/a	n/a	20 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
62	62	64
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	75 psi	1.3 mgd
Deep Well	n/a psi	n/a mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	12 psi	65 psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
100 %	35 %	3 bags
%	%	4 bags
n/a %	n/a %	2 bags
10 %	50 %	1 bag

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
60 %	75 %	2 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM	600	gals.
Camp Stover		gals.
LLL Bldg.410	245	gals.
LLL Bldg.413	130	gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: NCT 440 Fire pump ran @ 12p (1800 RPM, 1800 psi, 60 psi csi)
13 suction, 90 discharge, 100 pressure / Pump LLL & NCT

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Caras
DATE: 1/19/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMRS-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Open DEP's @ Manana + Escort DOH

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Parosa

DATE: 1/20/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
64 ppm	64	65 ppm
25 ppm	25	20 ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
100 %	35	0 bags
%	%	4 bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
4	61	89
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
60 %	76	2 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks:

Drop off 4 totes @ BEI / check NCT loaded 90% chlorine
Flush Camp Stover & Inyose point / Charts

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Najimatu
DATE: 01/20/2022

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
0.19 ppm	0.04 ppm	0.24 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.33	0.33	0.36
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	30.9 psi	74.9 psi	92.2mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	23.6 ft.
Halawa	17.5 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @JBPHH - reset/recharge/reprogram FISC key for R.H. @Manana - change out lock on station.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH

	%
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pagan

DATE: 11/21/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft.	ft.
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa	270	gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	✓
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Help A.P. @ RH Meeting / check Manana & Moanalua and flush Halawa / secure chlorine pump PH

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Caray

DATE: 1/21/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
83 ppm	ppm	83 ppm
3 ppm	ppm	2 ppm
66 ppm	ppm	6 ppm
n/a	n/a	ppm
n/a	n/a	8 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		580 gals.
Camp Stover		gals.
LLL Bldg.410		280 gals.
LLL Bldg.413		150 gals.

MONTHLY METER READINGS	HOUSE KEEPING
Red Hill Station	Waiawa
Gager Meter-6040	Red Hill
	Halawa
Red Hill Tank	Moanalua
Meter-4120	Camp Smith Bstr.
Meter-4121	NCTAM D.W.
	NCTAM Bldg.440
Lualualei	Camp Stover
Bldg.260 Meter-9806	LLL Bldg.260
Bldg.410 Meter-9805	LLL Bldg.410
Bldg.536 Meter-8753	LLL Bldg.413
	Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Adjust Chlorine Analyzer @ NCTAM
Add 50 lb Fluoride/salt @ NCTAM
Add 10 L ch₂ + 5.5 gal water @ LLL 413

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. P. Perez

DATE: 1/24/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
95 ppm	85 ppm	80 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	16 ppm
n/a	n/a	20 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
68	68	69
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	14.9 ft.	N/A ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	74 psi	1.3 mgd
Deep Well	82 psi	1.2 mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	13 psi	65 psi	8.2 mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
100 %	35 %	1 bags
%	%	bags
100 %	100 %	6 bags
30 %	10 %	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
60 %	75 %	1 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM	90%	600 gals.
Camp Stover		
LLL Bldg.410		
LLL Bldg.413	150	

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs.

Reason: _____

Other Remarks:

Made chlorine @ NCT 4:15 and started
flushing @ West Loch

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatao
DATE: 01/24/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.18 ppm	ppm	0.24 ppm
0.20 ppm	0.04 ppm	0.30 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS
Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	✓
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.41	0.41	0.38
0.38	0.34	0.51
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	30.2 psi	74.2 psi	114 mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	23.6 ft.
Halawa	17.5 ft.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Received 2 pallets of Naf. Returned one to back to BEI. Turned in receipt for Naf to Bldg 44. Sweep station & entry way @ Halawa

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
DATE: 01/26/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.30 ppm	—	0.30 ppm
0.18 ppm	0.04	0.20 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	✓
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.35	0.35	0.32
0.35	0.34	0.30
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	23.6 ft.
Halawa	17.4 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Clean out office & install new door handle @ P.H.
cut grass @ Manana.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlas

DATE: 1/25/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
71 ppm	ppm	85 ppm
68 ppm	ppm	7 ppm
n/a	n/a	ppm
n/a	n/a	9 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
73		60
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Change lock @ Red Hill

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		590 gals.
Camp Stover		gals.
LLL Bldg.410		270 gals.
LLL Bldg.413		130 gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. P. P. P.

DATE: 1/26/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
66 ppm	66 ppm	65 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	40 ppm

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
60	60	71
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	12.8 ft.	N/A ppm
Lualualei	ft.	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	NA	NA
Deep Well	NA	NA

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM # 1	13 psi	80 psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
NA %	NA %	1 bags
%	%	bags
NA %	NA %	2 bags
10 %	30 %	bags

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
NA %	NA %	1 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS

Location	1=	2=
Waiawa	gals.	gals.
Red Hill		gals.
Halawa		gals.
NCTAM	600	gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413	120	gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: 2 Hrs.

Reason:

Other Remarks:

Add chlorine @ NCT well / Flush B.P. and well back
responded to hot water break @ 1240. Shut off fire pump and back
valve to secure break. J. Neil secured down stream valve and
I turned pump and valve back on

Supervisors Initials:

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu

DATE: 01/26/2022

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
0.16 ppm	0.06 ppm	0.30 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.74	0.34	0.30
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	20.2 psi	74.1 psi	72.3 mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa	275	330 gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS	
Red Hill Station	
Gager Meter-6040	
Red Hill Tank	
Meter-4120	
Meter-4121	
Lualualei	
Bldg.260 Meter-9806	
Bldg.410 Meter-9805	
Bldg.536 Meter-8753	

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Help Andy w/ the PP switches & RTUs. open gate for grass cutters @ Manana. Turn in receipts to Bldg44.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Navimatsu
DATE: 01/27/2012

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL			
Analyzer	Chart	Field Test	
ppm	ppm	ppm	ppm
ppm	ppm	ppm	ppm
ppm	ppm	ppm	ppm
0.70 ppm	0.10	ppm	0.60 ppm
ppm	ppm	ppm	ppm
ppm	ppm	ppm	ppm
n/a	n/a	ppm	ppm
n/a	n/a	0.20	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	1 bags
%	%	bags
%	%	bags
36 %	75 %	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
0.70	0.70	0.60
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM # 1	12.3 psi	65.0 psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available NaF
%	%	bags
%	%	bags
%	%	bags
%	%	1 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: cut grass @ Bldg. 413. Change out charts @ NCTAM. Add CL2 to tank.

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals. 2= gals.	
Red Hill		gals.
Halawa		gals.
NCTAM	580	gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlas

DATE: 1/27/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
%	%	bags	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Tour @ Red Hill, Cut Grass @ 4/13
P/u Bldg 44
East Christ

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Van Natta

DATE: 01/28/2022

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
0.29 ppm	—	ppm
0.17 ppm	0.04 ppm	0.30 ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040

Red Hill Tank

Meter-4120
Meter-4121

Lualualei

Bldg. 260 Meter-9806
Bldg. 410 Meter-9805
Bldg. 536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg. 440
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
0.35	0.36	—
0.38	0.38	0.43
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua # 1	29.4 psi	72.6 psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	23.6 ft.
Halawa	17.5 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Check stations; cut grass behind CL2 stack @ #11. Wash truck. clean out mud/dirt from drain @ Manana.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos

DATE: 1/28/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
74 ppm	ppm	8 ppm
ppm	ppm	ppm
6 ppm	ppm	6 ppm
n/a	n/a	ppm
n/a	n/a	8 ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
73		6
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available NaF
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____

Hrs. _____

Reason: _____

Other Remarks: Add 30 gal water + 10L Cl2 @ 413
Add 120 gal water + 30L Cl2 @ NCTAM

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		600 gals.
Camp Stover		
LLL Bldg.410		280 gals.
LLL Bldg.413		150 gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pavesi

DATE: 1/29/82

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: 13 Hrs.

Reason: _____

Other Remarks: Help with start up @ RH Filter

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu

DATE: 01/21/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413

CHLORINE RESIDUAL

Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS

Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg. 410
LLL Bldg. 413

CHLORINATION SYSTEM

Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg. 260 Meter-9806
Bldg. 410 Meter-9805
Bldg. 536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg. 440
Camp Stover
LLL Bldg. 260
LLL Bldg. 410
LLL Bldg. 413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ 24-90 to RH & stand-by in case pump had any issues.

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg. 410		gals.
LLL Bldg. 413		gals.

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Cavley

DATE: 11/29/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS
Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING
Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR-S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Waiawa	1= gals.	2= gals.
Red Hill		gals.
Halawa		gals.
NCTAM		gals.
Camp Stover		gals.
LLL Bldg.410		gals.
LLL Bldg.413		gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Assist Red Hill Pump startup
Safety Brief, Attach Install gauges

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Parson

DATE: 1/31/22

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
9 ppm	21 ppm	20 ppm
13 ppm	3 ppm	30 ppm
ppm	ppm	65 ppm
n/a	n/a	17 ppm
n/a	n/a	90 ppm

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	75 psi	1.3 mgd
Deep Well	psi	mgd

STATIONS
Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
100 %	5.5 hr	1 bags
30 %	46	4 bags
NA %	NA	NA bags
10 %	75	bags

MONTHLY METER READINGS
Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING	
Waiawa	
Red Hill	
Halawa	
Moanalua	
Camp Smith Bstr.	
NCTAM D.W.	
NCTAM Bldg.440	
Camp Stover	✓
LLL Bldg.260	
LLL Bldg.410	
LLL Bldg.413	
Manana	

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
60	60	64
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS			
Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	1 13 psi	64 psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
60 %	75 %	1 bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks:

Added chlorine @ 413 & NCT well
check LLL

Supervisors Initials: _____

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	13.5 ft.	NA ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM	600	
Camp Stover	50	
LLL Bldg.410		
LLL Bldg.413	150	

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: Caldas

DATE: 1/31/22

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413

CHLORINE RESIDUAL		
Analyzer	Chart	Field Test
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
LLL Bldg. 410

MAIN PUMP STATUS		
Pumps On	Disc. PSI	Flow
MP#	psi	mgd
MP#	psi	mgd
MP#	psi	mgd
Deep Well	psi	mgd
Deep Well	psi	mgd

STATIONS

Waiawa
Red Hill
Halawa
NCTAM
Camp Stover
LLL Bldg.410
LLL Bldg.413

CHLORINATION SYSTEM		
Pump Stroke	Pump Speed	Available Salt
%	%	n/a
%	%	tons
%	%	n/a
%	%	bags
%	%	bags
%	%	bags
%	%	bags

MONTHLY METER READINGS

Red Hill Station
Gager Meter-6040
Red Hill Tank
Meter-4120
Meter-4121
Lualualei
Bldg.260 Meter-9806
Bldg.410 Meter-9805
Bldg.536 Meter-8753

HOUSE KEEPING

Waiawa
Red Hill
Halawa
Moanalua
Camp Smith Bstr.
NCTAM D.W.
NCTAM Bldg.440
Camp Stover
LLL Bldg.260
LLL Bldg.410
LLL Bldg.413
Manana

FLUORIDE RESIDUAL

Analyzer	Chart	Field Test
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

BOOSTER PUMP STATUS

Pump On	Suction	Discharge	Flow
n/a	n/a	n/a	n/a
Red Hill #	psi	psi	mgd
Halawa #	psi	psi	mgd
NCTAM #	psi	psi	mgd
Moanalua #	psi	psi	mgd

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
%	%	bags
%	%	bags
n/a	n/a	n/a
n/a	n/a	n/a
n/a	n/a	n/a

MAIN STATION WELL LEVEL

Waiawa	ft.
Red Hill	ft.
Halawa	ft.

Over Time: _____

Hrs. _____

Reason: _____

Other Remarks: Assist getting new key for Electricians

Bucket truck. Inspect Red Hill Filters

P/u Bldg 440

Drop at Parkside Truck for DM

Supervisors Initials: _____

RESERVOIR LEVELS

Location	Level	Chlorine
AMR S-1/S-2	ft. ft.	ppm
Red Hill	ft.	ppm
Camp Smith	ft.	ppm
NCTAM	ft.	ppm
Lualualei	ft.	ppm

BOOSTER PUMP STATUS

Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	psi	psi
Camp Smith	psi	psi
LLL Emer. Bstr.	psi	psi

CHLORINE TANK LEVELS

Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

12% CHLORINE STRENGTH

Waiawa	%
Red Hill	%
Halawa	%