

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatu
DATE: 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

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

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	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	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @RH - 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: Carlos
 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		907. 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 40 L Cl2, 200 gal water @ NCTAM

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: O. Nanimatou
 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	650	
Halawa	630	
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	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. Gas
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
0	ppm	0 ppm
	ppm	ppm
55	ppm	5 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		80% gals.
Camp Stover		gals.
LLL Bldg.410		250 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: Flush, Add/Meter 30 gal Cl₂ @ 410
Need salt @ 410

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: c. Narimataw
 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
0.67 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

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	110.0 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

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			
Location	1=	2=	
Waiawa	gals.	gals.	
Red Hill	620		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
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	ft.

12% CHLORINE STRENGTH		
Waiawa		%
Red Hill		%
Halawa		%

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

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	
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: NCTAM - STATION CHECK / CHARTS
LLL - STATION CHECK. 410 ADDD 50 GAL MADD CHLORINE. ADDD 4L OF 10% CL
413 ADDD 50G WATER 11L CHLORINE / ADJUST STROKE ON PUMP.
WESTWELL - 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

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	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 %	0.70 tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
85 %	50 %	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		
	1= gals.	2= gals.
Waiawa		
Red Hill	530	
Halawa	169	169
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	20.9 ft.
Halawa	16.1 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	1.2 ppm
n/a	n/a	.6 ppm
n/a	n/a	1.1 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.71	.71	.6
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	
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	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: NCTAM - STATION CHECK / ADD 100 GALS WTC - 220 CLR
STOVER - STATION CHECK. LLL - STATION CHECK. ADD 60 GAL WTC 102 CLR (P)
ADJUST STROKE AT 413. WEST COAST - PLUSANKA

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimetzou
 DATE: 11/19/2021

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
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
0.10	0.11	0.10
0.73	0.73	0.74
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
85 %	27 %	0.80 tons
%	%	n/a
%	%	2 bags
%	%	bags
%	%	bags
%	%	bags

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	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill	270	270
Halawa		
NCTAM	600	
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	20.9 ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ 11- received salt. Preset NaF pumps & add 4 bags NaF. @ NCTAM add one ca. salt & NaF. Add 100 g. H2O & 216 cc2 to tank. Preset cell.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Wan Matsui
 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	0.77
0.41	0.41	0.68
0.40	0.89	0.17
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 %	80 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		
Location	1= gals.	2= gals.
Waiawa		
Red Hill	230	230
Halawa	320	
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	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. C. C.
 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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 + 46LCl₂ @ 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.41	0.41	0.55
0.38	0.41	0.01
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	30.7 psi	79.4 psi	1133 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 %	11.3 %	0.30 tons
%	%	n/a
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	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	568	
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	
Waiawa	ft.
Red Hill	20.7 ft.
Halawa	16.1 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

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

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: J. NAITO
 DATE: 11/23/21

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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	
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
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: work on o/h red hill p/w
pic for next o/h to put stainless tubing on p/w.

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 ppm	0.70 ppm
0.28 ppm	0.30 ppm	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
0.39	0.37	0.39
0.39	0.38	0.17
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 Sait
%	%	n/a
85 %	17.1 %	0.45 tons
%	%	n/a
%	%	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			
Location	1=	2=	
Waiawa	gals.	gals.	
Red Hill	240	240	gals.
Halawa	165	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. @McGrew Pt - flushing hydrants.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Carly
 DATE: 11/24/21

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
<u>.80</u> ppm	ppm	<u>1.0</u> ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	<u>.6</u> ppm
n/a	n/a	<u>.7</u> ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
<u>.70</u>		<u>.64</u>
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	
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		<u>917</u> gals.
Camp Stover		
LLL Bldg.410		<u>280</u> gals.
LLL Bldg.413		<u>141</u> 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	
Location	%
Waiawa	%
Red Hill	%
Halawa	%

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
0.43 ppm	0.42 ppm	0.60 ppm
0.76 ppm	0.89 ppm	0.70 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	0.39
0.26	0.26	0.40
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	
58 %	45 %	n/a	
%	%	bags	

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
60 %	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=	2=
Waiawa	gals.	gals.
Red Hill	580	gals.
Halawa	020	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	21.7 ft.
Halawa	15.4 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	580 %
Halawa	370 %

Over Time: _____ Hrs. Reason: _____

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

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. 109
 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=	2=
Waiawa	gals.	gals.
Red Hill		460 gals.
Halawa		gals.
NCTAM		600 gals.
Camp Stover		gals.
LLL Bldg. 410		250 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 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
0 ppm	ppm	.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

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	
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=
Waiawa			gals.
Red Hill			gals.
Halawa			gals.
NCTAM		600	gals.
Camp Stover			gals.
LLL Bldg.410		200	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 of Cl2
Add 60 gal water @ 413 + 15 L Cl2

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

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

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	bags
%	%	bags
65 %	65 %	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		
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	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 safe inside CL2 shack. Adjust CL2 pump. @ RHI - 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: Carlas
 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
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

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

FLUORIDE INJECTION SYSTEM

Pump Stroke	Pump Speed	Available Naf
%	%	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		600 gals.
Halawa		600 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 for 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=
Waiawa			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		
Location		%
Waiawa		%
Red Hill		%
Halawa		%

Over Time: _____ Hrs. Reason: _____

Other Remarks: NCTAM - STATION CHECK. PUMP JUST TURNED OFF
CL2 / MET READINGS DROPPED OUT. FIELD READINGS 0.
SPWER - STATION CHECK.
ALL STATION CHECK. 413 - 17444 CL2 PUMP NOT WORKING
FIXED UP 410.
 Supervisors Initials: _____

MANANA - ADJUST CL2 PUMP TO .4.
RED HILL - HELP CHRIS OLSON 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 ppm	0.79 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
0.39	0.39	0.95
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	
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=	2=
Waiawa	gals.	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	22.4 ft.
Halawa	ft.

12% CHLORINE STRENGTH		
Waiawa		%
Red Hill		%
Halawa		%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @ RHI - Backflow is making 8 pump rm is flooded.
@ Halawa - open up for contractors. Receive CL2.

Supervisors Initials: _____

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
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: Vacuum water @ 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 ppm	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	32
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
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: LLL - STATION CHECK, CHANGE PUMP AT 413 / 410 FULL UP CALIBRATION.
NCTAM - STATION CHECK, CHANGE CHARTS, STOVE - 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=
Waiawa			
Red Hill			
Halawa			380
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: 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.29	0.39	0.49
0.38	0.27	0.28
n/a	n/a	n/a

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	21 ft. 2 ft.	0.5 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# 3	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	30.7 psi	74.2 psi	120.2 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	
40 %	30 %	n/a	
%	%	bags	

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
56 %	65 %	1 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	290	
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	22.5 ft.
Halawa	19.4 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Adjust stroke @ LLL 413
flush Pumps/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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
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: 11 Hrs. Reason: _____

Other Remarks: TAKE AROUND WATER SAMPLE PPL.

WATER

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Shimatsu
 DATE: 07/06/2001

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
0.40 ppm	0.40 ppm	0.39 ppm
0.44 ppm	0.40 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

RESERVOIR LEVELS		
Location	Level	Chlorine
AMR S-1/S-2	34 ft. 9 ft.	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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	280	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

Waiawa	ft.
Red Hill	ft.
Halawa	16.6 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: Red Hill - 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
.89 ppm	ppm	.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
.72		.57
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		600 gals.
Camp Stover		
LLL Bldg.410		220 gals.
LLL Bldg.413		120 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	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

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

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

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	31.4 psi	75.6 psi	82.7 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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	280	230
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	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 ABCOM to get samples @ AMR & RH tanks. try to reset T-1 lines @ RH & Halawa. Flushing @ Radford Terrace & PC. Pennington.

Supervisors Initials: _____

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 ppm	.7 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	.6 ppm
n/a	n/a	.1 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.70	.70	.40
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
%	%	bays
35 %	30 %	bays
%	%	bays

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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: NCTAMS - STATION CHECK
WE - ADJUST PUMPS AT 412 / 410 MAKE CHLORINE AT 410.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
 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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
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: close valves off the pumps @ RH

Supervisors Initials: _____

4 HRS REGULAR 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
17	17	17
27		12
167		16
n/a	n/a	ppm
n/a	n/a	9 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
84	84	72
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=	2=
Waiawa	gals.	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: LL / STOVE / 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
<u>.8</u> ppm	ppm	<u>-3</u> 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
<u>-37</u>		<u>-32</u>
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 Sait
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		<u>275</u> 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: 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
0.24 ppm	0.24 ppm	0.25 ppm
0.29 ppm	0.22 ppm	0.20 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
0.25	0.25	0.64
0.36	0.26	0.00
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	

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	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: _____

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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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

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: Wrest 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
0.28 ppm	0.26 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
0.38	0.38	0.64
0.36	0.35	0.42
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	370 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	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. MAITO
 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
	.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 .19 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
	.77	.77 .51
	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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
	%	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=	2=
Waiawa	gals.	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: NCTAMS - STATION CHECK, SEWER - STATION CHECK
LLL - STATION CHECK
RED HILL - TURN OFF CHLORINE PUMP BECAUSE / OUTPUT LLV.

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
0.63 ppm	ppm	0.55 ppm
0.43 ppm	0.42 ppm	0.50 ppm
0.05 ppm	0.08 ppm	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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		370 gals.
NCTAM		
Camp Stover		
LLL Bldg.410		
LLL Bldg.413		

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	22.9 ft.
Halawa	16.9 ft.

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. MAITO
 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
n/a	n/a	ppm
n/a	n/a	1.0 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=	2=
Waiawa	gals.	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 - STATION CHECK FLOW ON 413 100GAL 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
0.02 ppm	0.05 ppm	0.50	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
0.37	0.37	0.58
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	
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	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.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

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. Wariwatsu
 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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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	
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: 1.0 Hrs. Reason: Get pump #3 back together & ready to 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 motor nut on.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: J. MAITO
 DATE: 10/17/21 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
.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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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: 1260 HILL - TAKE MEASUREMENTS OF PIPE.
OPEN UVV.
UVV - STATION CHECK. ADD CHLORINE. 60 GALS WITH 12% CL2.

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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
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

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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=	2=
Waiawa	gals.	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: Secure main 12in 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. Nammo
 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	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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	289	
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: C. Nammo - assist pipe shop, but DWH shut us down @ Waiawa - fill up CL2 jugs. Receive CL2 delivery @ LLL - assist pipe shop look for water main break. Top 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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
Red Hill Tank	Halawa
Meter-4120	Moanalua
Meter-4121	Camp Smith Bstr.
Lualualei	NCTAM D.W.
Bldg.260 Meter-9806	NCTAM Bldg.440
Bldg.410 Meter-9805	Camp Stover
Bldg.536 Meter-8753	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: Assist @ Red Hill Flange Removal
Assist secure LLL water break
Flush Hydrant 21

Supervisors Initials: _____

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	0.10 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.79	0.79	0.60
0.78	0.78	0.36
0.72	0.72	0.0
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	5.6 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 # 2	12.9 psi	64.8 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
45 %	60 %	4 bags
25 %	32 %	1 bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	275	330
NCTAM	500	
Camp Stover	50	
LLL Bldg.410	290	
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	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.

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
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: 1.0 Hrs. Reason: _____

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

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatsu
 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
0.93 ppm	ppm	0.95 ppm
n/a	n/a	0.60 ppm
n/a	n/a	0.90 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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
70 %	20 %	2 bags
85.5 %	70 %	— bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=
Waiawa			gals.
Red Hill			gals.
Halawa			gals.
NCTAM			gals.
Camp Stover			gals.
LLL Bldg.410	290		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.

12% CHLORINE STRENGTH		
Waiawa		%
Red Hill		%
Halawa		%

Over Time: _____ Hrs. Reason: _____

Other Remarks: B480 - added CL2 to tank & adjusted the injection pump @410 - topped off the tank & adjusted the CL2 injection pump.

Supervisors Initials: _____

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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: HALAWA MEET W/USGA, PICKUP AT 44.

Supervisors Initials: _____

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
.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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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: MOANA LUA - STATION CHECK
LL - STATION CHECK - FILLED UP 412. PART PUMP.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: P. Paxon
 DATE: 11/3/20

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
73 ppm	73 ppm	70 ppm
20 ppm	0.9 ppm	30 ppm
ppm	ppm	ppm
n/a	n/a	NA ppm
n/a	n/a	1.3 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
70	70	65
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	13.5 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#	NA psi	NA mgd
MP#	NA psi	NA mgd
Deep Well	NA psi	NA mgd
Deep Well	NA psi	NA mgd

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

BOOSTER PUMP STATUS		
Pump On	Suction	Discharge
n/a	n/a	n/a
Manana	NA psi	NA psi
Camp Smith	NA psi	7.0 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
%	%	n/a
%	%	tons
NA %	NA %	n/a
NA %	NA %	2 1/2 bags
NA %	NA %	3 bags
NA %	NA %	NA bags
%	%	NA bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
NA %	NA %	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		250 gals.
Camp Stover		450 gals.
LLL Bldg.410		250 gals.
LLL Bldg.413		160 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: make 70 ppm chlorine @ lll 413

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: [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
90 ppm	90 ppm	180 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
54	54	62
n/a	n/a	n/a

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	9.9 ft.	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

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

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
50 %	AUTO %	n/a
%	%	tons
%	%	n/a
%	%	bags

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	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa	1= 30 gals.	2= 20 gals.
Red Hill	NA	NA
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	
Location	ft.
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH		
Location		%
Waiawa		%
Red Hill		%
Halawa		%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Shipyard Badge renew / check nitrogen tank known
pick up material @ Bldg 44 / called back to stand watch @ 11:00
Added 1 bag Fluoride @ Waiawa

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: CR163
 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
.87 ppm	ppm	.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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.63		.1
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		560
Camp Stover		50
LLL Bldg.410		
LLL Bldg.413		140

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: OMCL's for January
Add 50 lb Salt + 50 lb Fluoride @ NCTAM

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pares
 DATE: 1/5/08

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 ppm	70 ppm
NA ppm	NA ppm	NA ppm
69 ppm	69 ppm	NA 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
62	52	61
NA	NA	NA
NA	NA	NA
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# 14	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	9.0 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

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		
Location	1= gals.	2= gals.
Waiawa		
Red Hill	NA	NA
Halawa	270	
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: Clean Moanalua Bstation / check on RH Bldg and make rep / scope RH Analyzer 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.65		.48
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		570
Camp Stover		
LLL Bldg.410		280
LLL Bldg.413		130

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: Water samples west
Need salt + fluoride @ NCTAM
Take measurement @ Halawa

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Naini
 DATE: 01/06/2022

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
0.12 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	0.29	0.54
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	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: Cadras
 DATE: 1/6/22

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
-81 ppm	ppm	-85 ppm
ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
-60		-50
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		550 gals.
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: West Charts
-Deliver Salt + Fluoride @ NCTAM / Reset Cell
+ Add 50 lb salt/Fluoride
Flush NCTAM

Supervisors Initials: _____

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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: add chlorine and change reagent
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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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: @KH - remove HSA wingo pins. Pick up materials from Bldg 44.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Cadac
 DATE: 11/7/11

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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
6.3		6
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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: Plug/Remove Piping @ Red Hill
Add Chemical @ LLL 260
Add 60 gal water + 10 L Cl₂ @ 413

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	1.62 ppm
ppm	ppm	2.03 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

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	1.7 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
100% 100%	100% 100%	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	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	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 / well 450

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Calas
 DATE: 11/10/21

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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
Red Hill Tank	Halawa
Meter-4120	Moanalua
Meter-4121	Camp Smith Bstr.
Lualualei	NCTAM D.W.
Bldg.260 Meter-9806	NCTAM Bldg.440
Bldg.410 Meter-9805	Camp Stover
Bldg.536 Meter-8753	LLL Bldg.260
	LLL Bldg.410
	LLL Bldg.413
	Manana

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

12% CHLORINE STRENGTH	
Location	%
Waiawa	%
Red Hill	%
Halawa	%

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	ppm
0.10 ppm	0.03 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
0.40	0.40	
0.31	0.31	
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	2000 %
Halawa	1000 %

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: Caldas
 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
1.0 ppm	ppm	1.0 ppm
n/a	n/a	.7 ppm
n/a	n/a	.8 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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
15 %	20 %	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		gals.
Halawa		gals.
NCTAM		801 gals.
Camp Stover		gals.
LLL Bldg.410		300 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.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over-Time: _____ Hrs. Reason: _____

Other Remarks: Adjust Stroke/Speed @ 410
Add 50 gal water + 10L Cl2 @ 410
Reset Cell @ NCTAM
Add 70 gal water + 10 L Cl2 @ 413
 Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pugh

DATE: 11/12/22

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
60 ppm	60 ppm	61 ppm
62 ppm	ppm	ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
112	72	65
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	12.7 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	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	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 %	75 ml	3 bags
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		800 gals.
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		
Location		%
Waiawa		%
Red Hill		%
Halawa		%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 10 Chlorine @ NCT well / get PH badge

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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.31	0.31	0.44
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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	17.4 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: R.H. - Remove old oil indicator & fill parts from old pump, clean & install on new B.P. Turn off NaP injection pumps.
@Manana - grass wide cutting.

Supervisors Initials: _____

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	10 ppm
n/a	n/a	N/A ppm
n/a	n/a	10 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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	OFF psi	OFF 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 #	1 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
OFF %	OFF %	3 bags
60 %	50 %	4 bags
N/A %	N/A %	3 bags
10 %	30 %	— bags

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	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM	600	
Camp Stover	50 gal	
LLL Bldg.410	25	
LLL Bldg.413	115	

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

98856
 945244
 10960

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

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: all flush/water roads / check, NCT charts / make chlorine

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Calus
 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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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
Luahualei	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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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
Luahualei	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: Insert Water Samplers @ 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.28	0.39	
0.32	0.37	0.23
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	23.6 ft.
Halawa	17.4 ft.

Over Time: _____ Hrs. Reason: _____

Other Remarks: PH - get meter read 1st thing. @ Halawa - sweep up.
0.22 m.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos
 DATE: 1/19/21

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
0.6 ppm	ppm	0.6 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	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		600
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.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 30 gal + 10 L Cl₂ @ 11:45 + NCTAM

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlos
 DATE: 1/18/27

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
0.38 ppm	ppm	0.4 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=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.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Add 50 lb Fluoride + 330 gal Cl₂ @ # Waiawa
Add 19 gal Cl₂ + 1 gal water @ 413
Reset RTU @ 5/52

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: David Parson
 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
ppm	25 ppm	30 ppm
05 ppm	05 ppm	60 ppm
n/a	n/a	NA ppm
n/a	n/a	80 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.62	.62	.64
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	NA psi	NA 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
NA %	NA %	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		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM	600	
Camp Stover		
LLL Bldg.410	245	
LLL Bldg.413	130	

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 Filtration pump ran @ 12p (1800 RPM / 1800) 60ppm chl
13 suction, 90 discharge, Flow pressure / Plus LLL & NA

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Carus
 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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	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
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. Parson
 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 ppm	65 ppm
25 ppm	25 ppm	20 ppm
ppm	ppm	ppm
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
4	61	89
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
100 %	35 %	0 bags
%	%	4 bags
%	%	bags
%	%	bags

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	n/a	n/a	n/a

CHLORINE TANK LEVELS		
Location	1= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM	60	
Camp Stover	60	
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: Drop off 4 totes @ BEI / check NET loaded 40L chlorine
Flush Camp Stover & Inyose point / Charts

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: e. Naitamatou
 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.33	0.33	0.36
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	30.9 psi	74.9 psi	92.2mgd

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	
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		
Station	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	23.6 ft.
Halawa	17.5 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: @JBPHH - reset/recharge/reprogram FISC key for R.H. @Manana - change out lock on station.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Pagan

DATE: 11/21/27

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	NA	NA
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

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#	NA	NA
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
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	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

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: 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

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
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
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		580 gals.
Camp Stover		
LLL Bldg.410		280 gals.
LLL Bldg.413		150 gals.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

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. Pappas
 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
	95 ppm	85 ppm
	ppm	ppm
	ppm	ppm
	n/a	n/a
	n/a	n/a

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
	68	68
	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	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	AK psi	NR 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	878 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 %	NR %	6 bags	
30 %	16 %	bags	

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	bags	
%	%	bags	
%	%	bags	
60 %	75 %	7 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	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 410 and started fishing @ 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	0.20 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
0.41	0.41	0.38
0.38	0.34	0.51
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	30.2 psi	74.2 psi	114 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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	23.6 ft.
Halawa	17.5 ft.

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. Narimataw
 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 ppm	0.20 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
0.35	0.35	0.32
0.35	0.34	0.30
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available NaF	
%	%	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	23.6 ft.
Halawa	17.4 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Clean out office & install new door handle @ P41.
cut grass @ Manana.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Cadogan
 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
ppm	ppm	ppm
68 ppm	ppm	7 ppm
n/a	n/a	ppm
n/a	n/a	9 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
73		60
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 Sait
%	%	n/a
%	%	tons
%	%	n/a
%	%	bays
%	%	bags
%	%	bags
%	%	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available Naf
%	%	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		570 gals.
Camp Stover		gals.
LLL Bldg.410		270 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: Change lock @ Red Hill

Supervisors Initials: _____

NAVFAAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: D. Palosa

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	68	71
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	128 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 psi	NA mgd
Deep Well	NA psi	NA 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 # 1	13 psi	85 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= gals.	2= gals.
Waiawa		
Red Hill		
Halawa		
NCTAM	600	
Camp Stover		
LLL Bldg.410		
LLL Bldg.413	120	

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: 2 Hrs. Reason: _____

Other Remarks: Add chlorine @ NCT well / Flush B Pump and well back responded to hot water break @ 6:40. Shut off fire pump and back valve to secure break. J. Neil secured down stream water 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

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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	275	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	
Waiawa	ft.
Red Hill	ft.
Halawa	ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: Help Andy w/ the DP 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. Naimatsu
 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	0.2 ppm	ppm
n/a	n/a	ppm	ppm
n/a	n/a	0.20 ppm	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.70	0.70	0.60
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 # 1	12.3 psi	65.0 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
%	%	1 bags
%	%	bags
%	%	bags
30 %	75 %	bags

FLUORIDE INJECTION SYSTEM		
Pump Stroke	Pump Speed	Available NaF
%	%	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		gals.
Halawa		gals.
NCTAM	580	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: cut glass @ Bldg. 413. change out charts @ NCTAMs. Add CL2 to tank.

Supervisors Initials: _____

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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=	2=
Waiawa	gals.	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 @ 413
P/u Bldg 413
East Christ's

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Van Maton
 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	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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
0.35	0.36	
0.38	0.38	0.43
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	79.4 psi	78.6 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
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		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	23.6 ft.
Halawa	17.5 ft.

12% CHLORINE STRENGTH	
Waiawa	%
Red Hill	%
Halawa	%

Over Time: _____ Hrs. Reason: _____

Other Remarks: check stations; cut grass behind CL2 stack @ RH. Wash truck. clean out mud/dirt from drain @ Manana.

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: Carlas
 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

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
.73		.6
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		600 gals.
Camp Stover		
LLL Bldg.410		250 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 70 gal water + 10L Cl₂ @ 413
Add 120 gal water + 30L Cl₂ @ NCTAM

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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		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: 13 Hrs. Reason: _____

Other Remarks: Help with start up @ RHT Filter

Supervisors Initials: _____

NAVFAC UTILITIES/POTABLE WATER PRODUCTION BRANCH
 ROVING OPERATOR DAILY LOG

COMPLETED BY: C. Narimatzou
 DATE: 01/22/22

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
n/a	n/a		ppm
n/a	n/a		ppm

FLUORIDE RESIDUAL			
Analyzer	Chart	Field Test	
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%		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=	2=	
Waiawa	gals.		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: @ 24-90 to RH & stand-by in case pumps had any issues.

Supervisors Initials: _____

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	%

Red Hill Tank
Meter-4120
Meter-4121

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

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
3 ppm	3 ppm	30 ppm
ppm	ppm	65 ppm
n/a	n/a	17 ppm
n/a	n/a	90 ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
60	60	64
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	13.5 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	75 psi	1.3 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 #	1 13 psi	64 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 %	53% 53% 53%	1 bags
30 %	46 %	4 bags
NA %	NA %	NA bags
10 %	75 %	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	600	
Camp Stover	50	
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: Added chlorine @ 413 & NCT well
check LLL

Supervisors Initials: _____

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
n/a	n/a	ppm
n/a	n/a	ppm

FLUORIDE RESIDUAL		
Analyzer	Chart	Field Test
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

FLUORIDE INJECTION SYSTEM			
Pump Stroke	Pump Speed	Available Naf	
%	%	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	ft.

Over-Time: _____ Hrs. Reason: _____

Other Remarks: Assist getting new key for Electricians
Bucket truck. Inspect Red Hill Filters
P/u Bldg 411
Drop off Parkside Truck for DM

Supervisors Initials: _____