

# PM Work Order Report

FEC: NAVFAC Hawaii

Run Date: 09/20/2024 11:21 AM

**WO#:** JJ6CPW

**JON:** N25PHW282445



<b>WO Description:</b>	HALAWA FRESH WATER PUMPING STATIONS ROVING ROUTE 2 (M)		
<b>WO Long Desc:</b>	(MOANALUA BOOSTER STATION, S-1/S-2 TANKS, S-5, (b) (3))		
<b>Parent:</b>		<b>Work Type:</b>	UTILITIES / PM
<b>Status Code:</b>	COMP	<b>Start By Date:</b>	07/31/2024
<b>Work Center:</b>	WHHP6A	<b>Complete By Date:</b>	08/30/2024
		<b>Lead:</b>	(b) (6)
<b>Customer Ref Number:</b>		<b>Crew:</b>	
<b>Customer Ref Code:</b>		<b>Assign To:</b>	
<b>Location:</b>	HALAWA-1 FRESH WATER PUMP STA, HALAWA HSG		

Asset	Asset Info	Serial #	Make	Model
SA-FWY S4083	PUMP, CHLORINE FEED PUMP, METERING, █ GALLONS PER MINUTE CHLORINE CHEMICAL PUMP	03/50610	ALLDOS	(b) (3)
<b>Additional Loc.:</b>	HALAWA, (b) (3)	<b>Special Req:</b>	(b) GPH	
<b>Asset Location:</b>	HALAWA-1			
SA-CHL 408	INSTRUMENTATION, CHLORINE ANALYZER HALAWA, ANALYZER CHLORINE ANALYZER	559508	CAPITAL CONTROLS	(b) (3)
<b>Additional Loc.:</b>	(b) (3) HALAWA,	<b>Special Req:</b>		
<b>Asset Location:</b>	HALAWA-1			
UMA058000420	INSTRUMENTATION, CL2 CHART RECORDER S5, RECORDER	N/A	FOXBORO	(b) (3)
<b>Additional Loc.:</b>	HALAWA-1 FRESH WATER PUMP STA, HALAWA HSG	<b>Special Req:</b>		
<b>Asset Location:</b>	HALAWA-1			
UMA058000432	INSTRUMENTATION, FLOW CHART RECORDER HALA, RECORDER FLOW	N/A	FOXBORO	(b) (3)
<b>Additional Loc.:</b>	HALAWA-1 FRESH WATER PUMP STA, HALAWA HSG	<b>Special Req:</b>		
<b>Asset Location:</b>	HALAWA-1			
SA-FLO 408	INSTRUMENTATION, FLUORIDE ANALYZER HALAWA, ANALYZER FLOURIDE ANALYZER	N/A	FOXBORO	(b)
<b>Additional Loc.:</b>	(b) (3) HALAWA, ATTN: READ REMARKS NEED S/N & MODEL #	<b>Special Req:</b>	NEED SERIAL #	
<b>Asset Location:</b>	HALAWA-1			
UMA058000422	INSTRUMENTATION, FLUORIDE CHART RECORDER, RECORDER	N/A	FOXBORO	(b) (3)
<b>Additional Loc.:</b>	HALAWA-1 FRESH WATER PUMP STA, HALAWA HSG	<b>Special Req:</b>		
<b>Asset Location:</b>	HALAWA-1			
SA-HSQ 20	CONTROL SYSTEM, HALAWA RTU 20, SCADA RTU 20	N/A	HSQ	(b)
<b>Additional Loc.:</b>	HALAWA FRESH WATER PUMPING STATION	<b>Special Req:</b>		
<b>Asset Location:</b>	HALAWA-1			
SA-HSQ 26	CONTROL SYSTEM, S1/S2 TANKS RTU 26, SCADA RTU 26	N/A	HSQ	(b)
<b>Additional Loc.:</b>	(b) S1/S2 TANK	<b>Special Req:</b>		

Asset	Asset Info	Serial #	Make	Model
<b>Asset Location:</b> (b) -PW-SA-S1-S2				
UMA058000294	CONTROL SYSTEM, BOOSTER MCC, MOTOR CONTROL	N/A	SQUARE D	N/A
<b>Additional Loc.:</b> MOATER-7001 BSTR PMP STA (b) (3) <b>Special Req:</b>				
<b>Asset Location:</b> (b) (3)				
SA-FWY S4871	PUMP, SP 1, CENTRIFUGAL, 50, GALLONS PER MINUTE SUMP PUMP	C5184-2	AURORA	(b)
<b>Additional Loc.:</b> HALAWA (b) (3) <b>Special Req:</b>				
<b>Asset Location:</b> HALAWA-1				
UMA058000020	PUMP, SP 2, CENTRIFUGAL, (b), GALLONS PER MINUTE	C59184-1	AURORA	(b)
<b>Additional Loc.:</b> HALAWA (b) (3) <b>Special Req:</b>				
<b>Asset Location:</b> HALAWA-1				
SA-MPFW 201	PUMP, MAIN PUMP #1 HALAWA , TURBINE, (b) GALLONS PER MINUTE		PEERLESS	(b) (3)
<b>Additional Loc.:</b> HALAWA (b) (3) <b>Special Req:</b> NEED SERIAL NUMBER				
<b>Asset Location:</b> HALAWA-1				
SA-MPFW 203	PUMP, MAIN PUMP #3 HALAWA , TURBINE, (b) GALLONS PER MINUTE MAIN PUMP FRESH WATER	UNK	PEERLESS	(b) (3)
<b>Additional Loc.:</b> (b) (3) HALAWA, ATTN: READ REMARKS (WRITE IN CORRECTIONS ON PROCEDURE AS NECESSARY) <b>Special Req:</b>				
<b>Asset Location:</b> HALAWA-1				
UMA035000013	PUMP, BOOSTER PUMP 1, CENTRIFUGAL, (b) GALLONS PER MINUTE	NA	GOULD	NA
<b>Additional Loc.:</b> HALAWA, (b) (3) <b>Special Req:</b>				
<b>Asset Location:</b> (b) (3)				
UMA035000015	PUMP, BOOSTER PUMP 2, CENTRIFUGAL, (b) GALLONS PER MINUTE	NA	GOULD	NA
<b>Additional Loc.:</b> HALAWA, (b) (3) <b>Special Req:</b>				
<b>Asset Location:</b> (b) (3)				
UMA058000305	PUMP, BOOSTER #2 (b) (3) CENTRIFUGAL, (b), GALLONS PER MINUTE	UNKN	PACO	(b) (3)

Asset	Asset Info	Serial #	Make	Model
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**Additional Loc.:** MOATER-7001 BSTR PMP STA (b) (3) **Special Req:**

**Asset Location:** MOATER-7001

UMA058000301	PUMP, BOOSTER PUMP 1, CENTRIFUGAL, (b) (3) GALLONS PER MINUTE	UNKN	PACO	(b) (3)
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**Additional Loc.:** MOATER-7001 BSTR PMP STA (b) (3) **Special Req:**

**Asset Location:** MOATER-7001

SA-FWY S4084	CHEMICAL ADDITION, T1 UNIT, SODIUM HYPOCHLORITE FLUORIDE CHEMICAL METERING PUMP	NA	SEVERN TRENT NA
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**Additional Loc.:** HALAWA, (b) (3) **Special Req:** GPH

**Asset Location:** HALAWA-1

UMA035000009	CHEMICAL ADDITION, T2 UNIT, SODIUM HYPOCHLORITE	C/05/777	CLOTEC	(b)
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**Additional Loc.:** HALAWA, (b) (3) **Special Req:**

**Asset Location:** HALAWA-1

UMA035000010	CHEMICAL ADDITION, T3 UNIT, SODIUM HYPOCHLORITE	N/A	UNKNOWN	(b) (3)
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**Additional Loc.:** HALAWA, (b) (3) **Special Req:** NEED MANUFACTURER NAME

**Asset Location:** HALAWA-1

SA-FLO 4081	CHEMICAL ADDITION, FLUORIDE FEED, FLUORIDE FLUORIDE CHEMICAL METERING (b) (3)	N/A	UNKNOWN	N/A
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**Additional Loc.:** (b) (3) **Special Req:** NEED MANUFACTURER, MODEL & SERIAL NUMBERS

**Asset Location:** HALAWA-1

**Additional Loc.:** HALAWA-1 FRESH WATER PUMP  
STA, HALAWA HSG **Special Req:**

**Asset Location:**

**PM#:** UEM-PH-FW-HAL-ROVING HALAWA FRESH WATER PUMPING STATIONS ROVING  
ROUTE 2 (M)

(b) (3) S-1/S-2 TANKS, S-5, (b) (3)

**Frequency:** 1 MONTHS

**Job Plan:** ROVING

**Job Plan Info:** PEARL HARBOR VARIOUS AREAS FRESH WATER ROVING

Craft	QTY	Hours	Total Hrs
IQ	1.00	262.32	262.32

Operation	Description	Observation
5	ENSURE PERSONAL PROTECTIVE EQUIPMENT IS WORN	_____
10	CHECK SYSTEM PRESSURE/FLOW/CHANGE CHARTS	_____
15	CHECK MAIN PUMP SYSTEM STATUS	_____
20	CHECK BOOSTER PUMP SYSTEM STATUS	_____
25	CHECK AUXILIARY EQUIPMENT STATUS	_____
30	PICK WATER SAMPLES/ RUN WATER SAMPLE ANALYSIS, UPON REQUIRED FREQUENCY.	_____
35	CHECK CHLORINE SYSTEM ADD CHEMICALS, A) CHECK CHLORINE GENERATORS FOR PROPER OPERATIONS. CONDUCT ALL CHECKS AS ANNOTATED ON CHLORINE GENERATION SYSTEM LOG.  B) CHECK FOR LEAKS, CORROSION OR CRACKS IN PIPING &/OR PPG. REPAIR IF NEEDED.  C) CHECK FOR PROPER TANK LEVELS & MAIN FLOW DAILY.  D) CHECK WATER SOFTNER FILTERS MONTHLY. ROTATE UNITS AS REQUIRED. VIBRATION. E) CLEAN BRINE WATER FILTERS MONTHLY.  F) TAKE WATER SAMPLE FOR CHLORINE RESIDUAL READINGS. COMPARE READINGS W/ ANALYZER. CALIBRATE IF NEEDED.  G) CHECK FLOW CHARTS (ALLOWABLE DEVIATION +/- .1 PPM). CALIBRATE IF OUT OF SPECS.  H) REPLACE (4 EA) FLOW CHARTS WEEKLY.	_____
40	CHECK FLUORIDE SYSTEM ADD CHEMICALS, A) CHECK FLUORIDE PUMP FOR PROPER OPERATIONS.  B) ROTATE PUMPS WEEKLY  C) CHECK SATURATION TANKS DAILY  D) ADD FLUORIDE DAILY VIBRATION. E) CLEAN TANKS (3 EA) MONTHLY  F) TAKE WATER SAMPLE FOR FLOURIDE RESIDUAL READINGS. COMPARE READINGS W/ ANALYZER. CALIBRATE IF NEEDED.  G) CHECK PUMP OIL LEVELS MONTHLY  H) RECEIVE AND STORE MATERIAL WHEN NEEDED.	_____
45	RECORD ANALYZER / CHART READINGS/ VERIFY SCADA ON DAILY LOG	_____
50	ROUTINE FACILITY MAINTENANCE/ GENERAL HOUSEKEEPING	_____
51	VISUAL CHECK AROUND EXTERIOR OF STORAGE TANKS	_____
55	CHECK & VERIFY RESERVOIR LEVEL	_____

Operation	Description	Observation
60	SECURITY CHECKS/LOCKS AND FENCELINE	_____
65	CHECK BACKUP POWER SYSTEM STATUS/FUEL LEVEL	_____
70	INSPECT SAFETY EQUIPMENT	_____
75	NOTE: WORK TO BE COMPLETED DAILY FOR 30 DAYS	_____
80	REPORT ANY DESCREPANCIES TO SUPV FOR CORRECTIVE ACTION.	_____

Date Completed

Completed By

Supervisor

Mechanics Remarks

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